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ABSTRACT

This notebook, intended to provide current statistical and comparative information on Cerritos Community College (CCC), is divided into eight detailed sections. Part I outlines current trends and challenges affecting education in California, focusing on changes in demography, ethnic proportions of students and staff at the secondary and postsecondary levels, changes in the economic climate and workforce, and social trends. Part II presents numerical data and charts on such aspects of the CCC district as demographic characteristics of district cities (i.e., gender, age, and racial distributions, as well as socioeconomic and educational status of district families); district residents' employment by occupation/industry; and the district's feeder high schools. Part III compares student characteristics at CCC and 11 other California community colleges of similar size with respect to transfer characteristics, full-/part-time status, gender, ethnicity, and age. Part IV is devoted to characteristics of CCC students, including enrollment rates of district high school graduates, geographic distribution of student residences, trends in probation and dismissal, placement levels of students tested from August 1987 to July 1988, ethnic distribution of degrees and certificates awarded from 1982-83 to 1987-88, participation in vocational education, and information on transfer students. Part V outlines CCC's instructional programs, student services, and community services, while part VI presents information on the age, ethnicity, and gender of full-time college staff. Finally, part VII supplies a financial overview of the district, in the form of the 1987-88 CCC year-end budget, and part VIII provides economic indicators and employment projections for California, Los Angeles County, and the Los Angeles-Long Beach Metropolitan Statistical Area. A 44-item bibliography is attached. (JMC)

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CERRITOS COLLEGE

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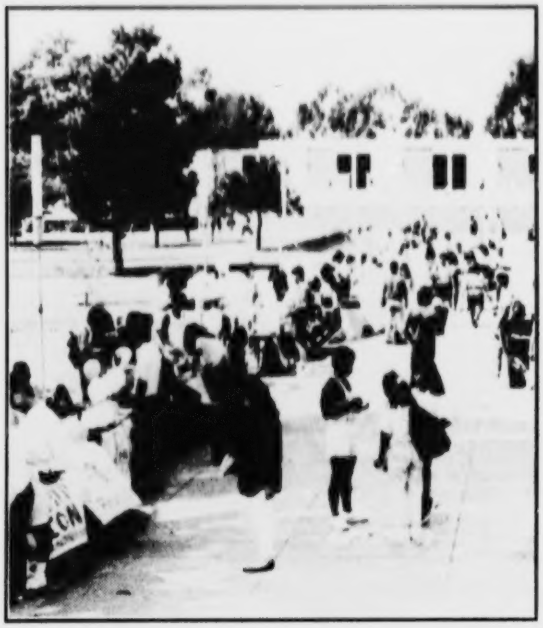

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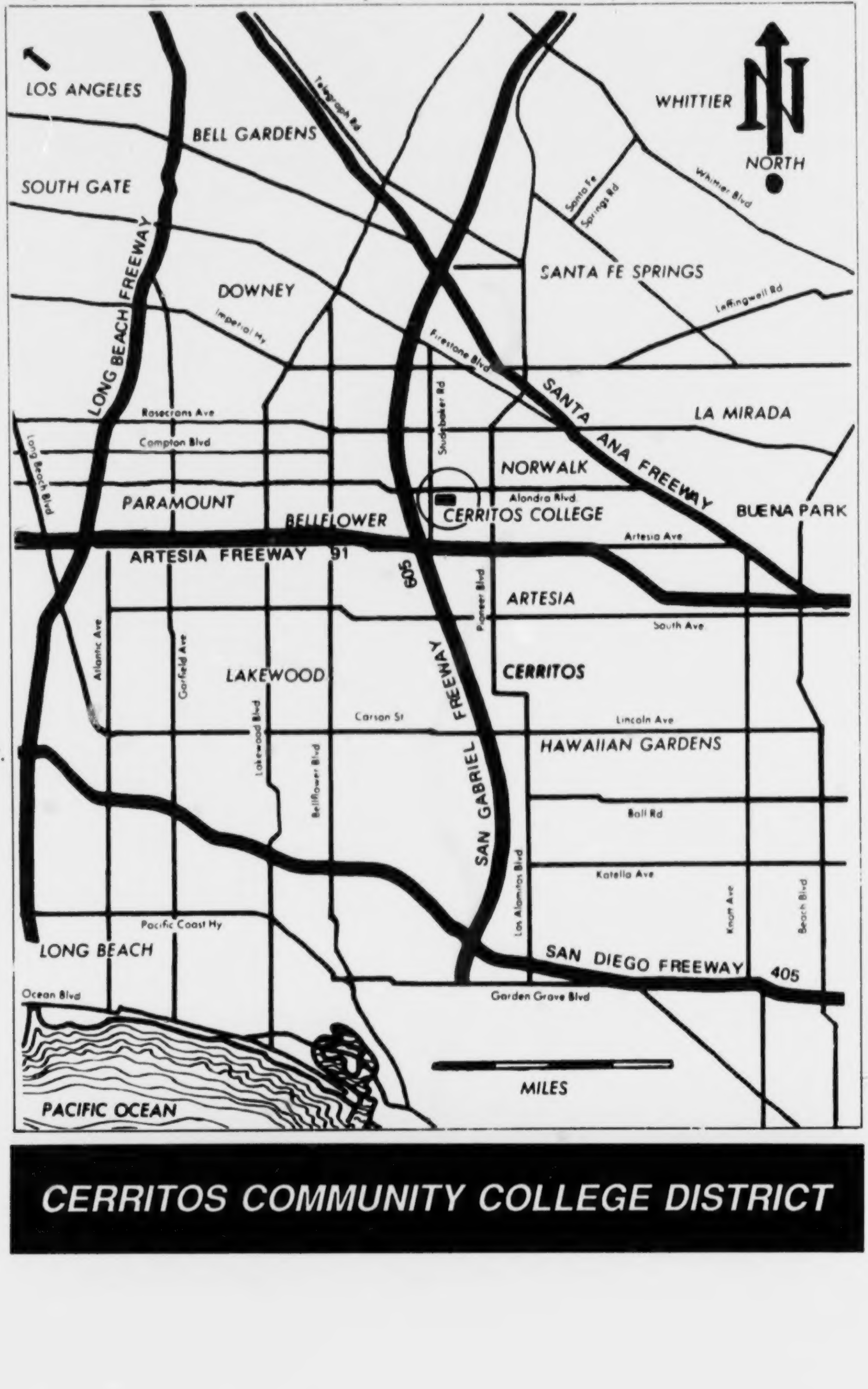

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CERRITOS COMMUNITY COLLEGE DISTRICT

CERRITOS COMMUNITY COLLEGE

Cerritos Community College is a public community college located in the southeast portion of Los Angeles County. The College serves the communities of Artesia, Bellflower, Cerritos, Downey, Hawaiian Gardens, La Mirada, Lakewood, Norwalk, and portions of Long Beach, Santa Fe Springs, and South Gate.

The Cerritos Community College Governing Board:

Mark Durant, President
Katie Nordbak, Vice-President
Harold T. Tredway, Secretary
Ada C. Steenhoek, Ed.D
Ruth Gonzales Banda
John H. Moore
Joseph O. Stits

College President and District Superintendent:

Ernest A. Martinez, Ph.D.

Accredited 1985 by:

The Western Association of Schools and Colleges

ACKNOWLEDGEMENTS

As in years past, the current edition of the Information Notebook is the product of the cooperative efforts of many at Cerritos Community College. The support and assistance provided by each individual has been exceptional. This Notebook again represents a direct and positive reflection of their commitment and effort.

We would like to thank President Ernest Martinez for his support and commitment to research and planning. The Comprehensive Planning and Accreditation Committee is also to be commended for its support of this annual undertaking.

We want to also particularly acknowledge the contributions of a number of individuals who provided items for inclusion in this year's Information Notebook. Without their dedication to excellence, the quality of the final product could not have been obtained. These individuals include: Steven Helfgot, Dick Juliano, Randy Peebles, Mildred Ikemoto, LeeMoile Westerlin, Charles Tilghman, Silvia Hubbell, Dean Paige, Pat Cook, Bob Hughlett, Phil Rodriguez, Lisa Sugimoto, Nello Di Corpo, Alan Boodnick, Betsy Stewart, Sylvia Diaz, Maureen May, Betsy Kekich, Ilean Rabens, Betty Gibbs and Judi Christensen.

Special thanks go to those who worked with us in providing their technical assistance and/or expertise. Their combined skills have again resulted in a Notebook that reflects the pride commonly found at Cerritos College. We believe that the Notebook speaks well for Cerritos College. Our gratitude is extended to Doug Brantley, Doug Droney, Leslie Beck, Jack Wilson, Shirley Mitchell, Janet Spurgeon, Jan Long, Mark Wallace, Roben Frick, Barbara James, and Diane Woodward for a job well done.

Finally, having acknowledged the contributions and efforts of the aforementioned individuals, we would be remiss if we failed to mentioned the monumental effort put forth by the entire staff of the Office of Institutional Research and Development. Without the guidance of Jackie Taylor-Lemen, and the constant support of Beverly Sheepwash and Hennie Wilson, the Notebook could not have been produced. To them, our greatest thanks.

James M. Fillpot
Research Assistant

Jan Dennis-Rounds
Administrative Dean,
Educational Support Services

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Part I

TRENDS
and
CHALLENGES

TRENDS IMPACTING EDUCATION

TRENDS — DEMOGRAPHIC

POPULATION GROWTH

California's population was 27.3 million in 1987. This is expected to jump 20% to 32.8 million by the year 2000. Over the next ten years, the population of California is expected to increase by almost four million people. Half of this increase will be due to natural increases (births minus deaths), while the other half will be due to net in-state migration.

Nine of the state's 58 counties will each have over one million residents by the year 2020. While these counties are primarily in the Bay Area and Southern California and represent the largest absolute increase in population, the Central Valley, Foothill, and South Coast counties will experience the highest percentage increases as they become a larger part of the state's total population.

Since 1980, Los Angeles, San Diego, and San Bernardino counties have experienced the largest increases in population gain, with over 1.4 million new residents moving into these three counties.

CHANGES IN ETHNICITY

By the year 2005, racial and ethnic minority populations will account for about half of the state's population, up from a current 40%. The largest increase will continue to be among the Hispanic population. The percentage of Hispanic population in California will increase from 21% in 1985 to over 28% in 2005. Higher birth rates among the Hispanic population will be most evident in the 15 - 24 year old age group, which will increase from 24% in 1985 to 34% in 2005.

Asian and other minority groups represented about 8.5% of California's population in 1985. This figure will also continue to increase over the next twenty years, projected to be over 12.5%.

In contrast to Hispanic and Asian ethnic groups, which will represent a combined 75% of the total growth through the year 2000, White and Black populations are remaining at the same level or declining.

In the Cerritos College area, ethnic/racial groups appear to be equally represented. While a plethora of recent ethnic geographical studies have pointed to Southern California as being the new "melting pot" in the United States, a number of

TRENDS — DEMOGRAPHIC (continued)

these reports have further stated, "...that the distinction of being the most ethnically diverse place in America belongs to the rapidly growing, relatively high-income suburban southern California city of Cerritos."

CHANGE AMONG AGE GROUPS

The population in California is becoming older, with the largest increases occurring in the 35 to 54 year old age group. By 1995, almost 1/3 of California's population will fall within this age range.

Increases can also be expected at both ends of the age range spectrum. "Baby-boomers" are now bearing children; the number of children under 18 will increase by 18%. In line with the increase in median population age (31.8 in 1986 to 36.3 by the year 2000), the number of people over 65 will jump 39%, and those over 85 will soar 81%. These changes will put an unprecedented strain on both the educational and health care systems.

Due to a slowing of the birth rate in the past two decades, the 18 - 24 year old group will remain fairly constant over the next ten years. The exception to this rule occurs among Hispanics, where the median age is 23.

TRENDS — EDUCATIONAL

CHANGES AT THE SECONDARY LEVEL

Race/ethnicity projections indicate that California's school-age population will continue to change dramatically. While 48% of California's school-age population was non-White in 1986, projections indicate that this figure will change to 55.3% by the year 2000, and to 67% by the year 2030. Los Angeles County public schools have already exceeded these figures, with a student population in 1987 that consisted of over 71% minority students.

In examining Los Angeles County public school teacher composition, it appears that racial/ethnic mismatches occur between students and teachers. Currently, only 29% of public school teachers and administrators are members of racial and ethnic minority groups. However, further analysis indicates that based upon the median age of Los Angeles County school teachers (44 years of age) and the trend towards early retirement (retirement at 60.6 years of age in 1983-84) a "window of opportunity" will present itself for "...teachers of multicultural backgrounds, and for more teachers with the credentials, training, and skills to teach and relate to diverse cultural groups."

TRENDS — EDUCATIONAL (continued)

According to the 1980 census, 73% of adult Californians had a high school education or better. Among the different ethnic groups, this percentage varied greatly. While only about 44% of the Hispanic population have a high school education or better, 76% percent of the Asian population in California have a high school education or better.

High school seniors tested in the California Assessment Program (CAP) have improved their writing, spelling, and math scores from 1979 to 1985, but reading scores have declined slightly.

California high school students taking the Scholastic Aptitude Test (SAT) have increased their math scores slightly from 1979 to 1984, while during this same time period verbal test scores declined slightly.

CHANGES AT THE POSTSECONDARY LEVEL

Trends in community college enrollment statewide project slow growth over the next ten years, after an enrollment decline in the early 1980's. Between 1987 and 1995, it is anticipated that community colleges will increase at an annual rate of 1.3%.

Recent trends show slight gains in part-time enrollment and only marginal increases in full-time enrollment. Non-credit enrollment has declined by approximately 1% over the past two years.

The proportion of older students at community colleges should increase over the next ten years. Many of the students will be older, returning students who are coming back to school to pursue education necessary for a second or even third career.

Projections indicate that, due to an increase in non-traditional, ethnically diverse, less prepared students, community colleges will face different educational challenges. Flexible scheduling, child care, convenient class locations, and special educational services which focus on students with limited English skills will all play an important role in the educational success of these students.

TRENDS — ECONOMIC AND EMPLOYMENT

Projections indicate that slower population growth will create an acute labor shortage through the year 2000. This shortage will be caused in part by a growing mismatch between the skills now available in the work force and the skills employers will be requiring by the mid-1990's.

TRENDS — ECONOMIC AND EMPLOYMENT (continued)

As population growth slows and the work force ages, the median age of the labor force will increase from 35 years of age in 1986 to 39 years of age by the year 2000. This labor condition is expected to create a number of employment options for retired Americans with specific skills.

It appears that in addition to being older, the work force of the 1990's will also be composed of females and/or members of minority groups; eight out of ten new jobs are currently being filled by women, minority group members, or immigrants. Currently, participation in the work force of women and minorities over 16 years of age is up 3.6% from 1975.

Future employment will also require more education. The median years of schooling necessary for successful job performance will increase from a current 12.8 years to a year 2000 projection of 13.5 years. Jobs which require one or more years of postsecondary education will increase from a current 42% to a year 2000 projection of 52%.

California's economy will continue to grow through 1989. The state is currently experiencing its sixth consecutive year of business expansion and job growth. Gain will be around 3 - 4% after an adjustment for inflation of about 4.5 - 5%, which is up slightly from 1987.

Employment growth is expected to be greatest in Los Angeles, Orange and San Diego counties, as over 1.8 million new jobs are expected to be created in these counties by the year 2000.

A number of economic indicators predict a change in the balance of new and available employment. The California labor market, specifically in the Southern California region, is shifting to a more technologically-oriented base. Employment opportunities are also on the rise in service-oriented areas (secretarial, clerical, janitorial, teaching, etc.), business services, and non-manufacturing industries. Employment in manufacturing will continue to decrease. Employment opportunities in crafts, operatives, and labor are also waning.

TRENDS — SOCIAL

Changes are continuing to occur in the make-up of families and households. While 60% of households in 1955 consisted of a working father, a housewife mother, and two or more children, the traditional "nuclear family" represented only 7% of all households in 1985.

TRENDS — SOCIAL (continued)

More individuals are marrying later or not at all. The percent of single men who were between 30 and 34 and had never married increased from 9% in 1970 to 23% in 1986. For females in the same age group, the percent also increased, rising from 6% in 1970 to 15% in 1986.

The divorce rate has decreased, with now 1 in 8 marriages ending in divorce, compared to 1 in 2 in 1985.

Slightly over 60% of the children born in 1983 will live with only one parent before the time they reach the age of eighteen. Half of all children have working mothers, and this percentage is increasing. By 1990, two-thirds of all women will be involved in the work force.

Non-family households rose from 18% in 1970 to 28% in 1985; families headed by females where no spouse was present rose from 2% in 1970 to 22% in 1985.

The incidence of teen pregnancy is increasing. Nearly 40% of the two million girls who will turn 14 this year are expected to become pregnant during their teenage years. California has a relatively high teen pregnancy rate of 140 per 1,000 teenage women (the national average is 111 per 1,000).

Sources: "Looking Ahead: Data for Planning," California Community Colleges Chancellor's Office, 1987-88.
"Trends," Los Angeles County Office of Education, February, 1988.
"Demographics," NOCROP Job Market Analysis Service, April, 1988.
"Employment/Unemployment," NOCROP Job Market Analysis Service, April, 1988.
California Tomorrow: Our Changing State, Spring 1988.
"The Kiplinger California Newsletter," The Kiplinger Washington Editors, July 14, 1988.
"The Most Ethnically Diverse Places in the U.S.," Allen & Turner, April 1988, presented at the meeting of the Association of American Geographers.

Part II

CERRITOS COMMUNITY COLLEGE DISTRICT

CERRITOS COLLEGE DISTRICT CENSUS INFORMATION

The following pages depict 1980 District Census Data, with pertinent information displayed by city and by district. In regard to race/ethnicity, the following information from the Population Research Unit State Census Data Center explains the identification of the Hispanic population and changes impacting some racial categories.

NONCOMPARABILITY OF 1970 AND 1980 RACE/ETHNICITY DATA

"Consistent with earlier practice, the 1980 census questionnaire distinguished between 'race' and 'ethnicity'. Excepting the Black category and that of the American Indian, 'race' data from the Censuses of 1980 and 1970 are not comparable. Moreover, the principal Hispanic indicator was changes in concept and coverage. Spanish origin is an 'ethnic' classification and persons of Spanish origin may be of any racial group.

The White population group received a more restrictive definition in 1980 in two respects, as indicated in (1) and (2) below. Changes impacting 'Other' and 'Asian' racial categories are also stated below.

(1) Persons electing 'Other' in the 1970 racial categories and characterizing themselves as members of one of the Spanish origin groupings were recoded 'White'.

(2) 'Asian': Persons from India were defined as 'White' in 1970 and as 'Asian' in 1980.

(3) 'Other': This grouping was augmented by the inclusion of the Hispanics who chose this category.

One of the most critical differences in reporting between 1970 and 1980 is the identification of the Hispanic population. In 1970, the principal indicator, based upon a 15% sample, was Spanish language. Persons of Spanish language were defined as those whose mother tongue was Spanish and, in addition, all those living in households where the head or the spouse of the head reported Spanish mother tongue. In California the additional criterion of Spanish surname was applied. The Spanish surname criterion was based upon a lengthy list of surnames used by persons of Spanish heritage but also by many not of Spanish background, for example, Portuguese or Italian. The joint use of the two criteria probably resulted in an overcount of those enumerated as Spanish. However, an acknowledged undercount of Hispanics did exist in the 1970 Census. A five percent question on origin was similar to the 1980 question but the size of the sample makes a 10-year comparison of small areas questionable. Furthermore, the question design was changed adding an unknown bias. According to the Census of 1970, within the limitations described, there were about 3.1 million persons of Spanish language/Spanish surnames and 2.7 million persons of Spanish origin or descent in California."

Source: Census Users Manual for Community College Evaluation and Planning, Fall 1983.

SELECTED DEMOGRAPHIC CHARACTERISTICS OF DISTRICT CITIES
ESTIMATED JUNE, 1986

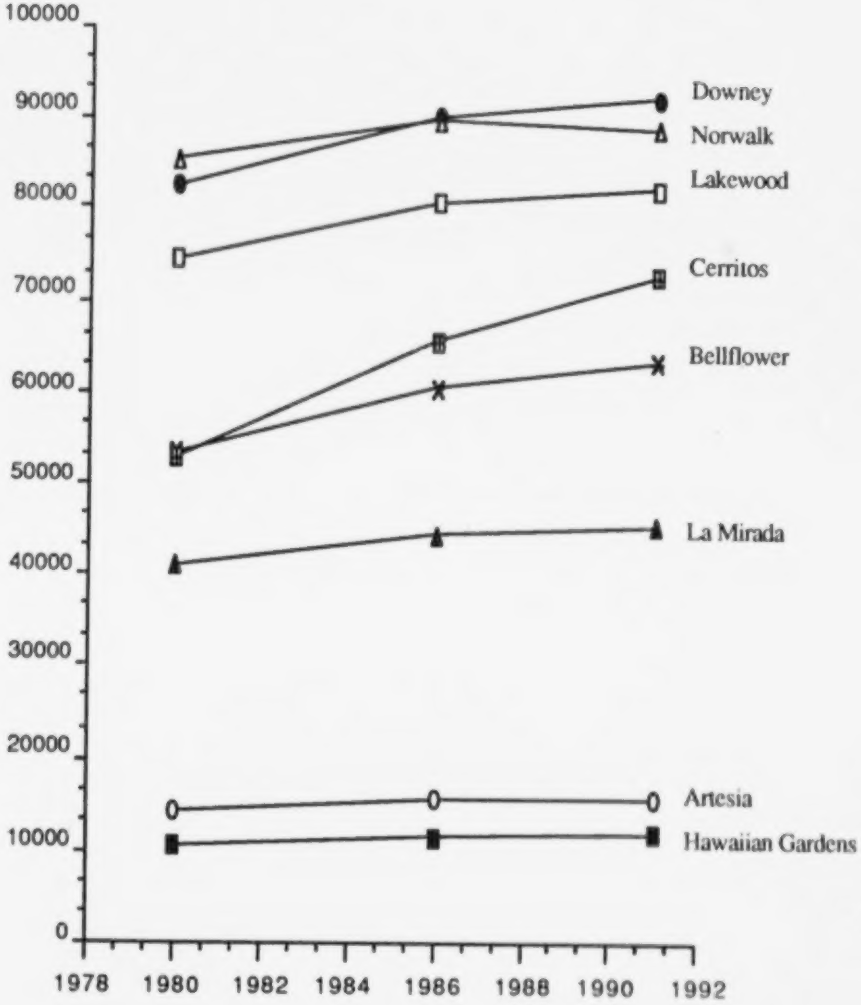
	Artesia	Bellflower	Cerritos	Downey	Hawaiian Gardens	Lakewood	La Mirada	Norwalk	TOTAL
TOTAL POPULATION	15,303	60,338	65,525	90,135	11,484	80,891	44,552	89,445	457,673
% White	86.7%	88.3%	65.4%	90.1%	85.4%	89.1%	92.2%	88.0%	85.7%
% Black	3.3	3.5	9.4	2.4	4.6	3.5	1.6	3.4	4.0
% American Indian	1.0	1.0	0.5	1.0	2.4	1.1	1.1	1.6	1.1
% Asian	5.8	5.5	22.7	5.1	5.7	5.0	4.1	5.6	7.7
% Other	3.2	1.7	2.0	1.3	1.9	1.3	0.9	1.4	1.5
% Hispanic*	37.1	19.0	15.2	21.8	60.9	13.9	21.7	47.8	25.7
% Under 18 Yrs of Age	25.8%	22.6%	35.5%	20.2%	36.9%	23.2%	22.7%	29.1%	25.8%
% Over 64 Yrs of Age	11.6	12.3	3.0	13.9	6.2	9.8	7.6	8.0	9.4
Median Age	31.4	32.1	29.8	36.5	24.6	33.2	33.4	29.1	N/A
% Male	50.1%	48.8%	50.0%	48.7%	50.7%	48.6%	49.2%	49.5%	49.2%
% Female	49.9	51.2	50.0	51.3	49.3	51.4	50.7	50.5	50.8
Housing Units:									
Owner Occupied	2,921	10,177	17,210	19,185	1,793	20,918	11,757	18,687	102,648
Renter	2,132	14,754	2,360	17,453	1,728	8,322	2,165	9,584	58,498
Avg. Household Size	2.97	2.39	3.34	2.42	3.25	2.76	3.08	3.09	2.91

*Hispanic origin is an ethnic rather than a racial group, so respondents were asked in a separate question to identify their extraction. Because 56% of persons of Hispanic origin listed themselves as white and 40% listed themselves as other, the totals of all rows add up to more than 100%.

Source: Urban Decision Systems, "Demographic Trends," Estimates, July 1, 1986.

DISTRICT CITIES: POPULATION
ACTUAL ~ ESTIMATED ~ PROJECTED
1980 — 1991

		YEAR	
CITY	**1980**	**1986**	**1991**
ARTESIA	14,301	15,503	15,784
BELLFLOWER	53,441	60,338	63,110
CERRITOS	53,020	65,525	72,526
DOWNEY	82,602	90,135	92,034
HAWAIIAN GARDENS	10,548	11,484	11,722
LAKEWOOD	74,654	80,891	82,043
LA MIRADA	40,986	44,552	45,336
NORWALK	85,286	89,445	88,817
TOTAL	**414,838**	**457,873**	**471,372**



Source: Urban Decision Systems, "Demographic Trends," Estimates, July 1, 1986.

DISTRICT CITIES: POPULATION AND REGISTERED VOTERS

City	1986 Est. Population	Registered Voters	% Democrat	% Republican	% Other
ARTESIA	15,503	5,467	56.8%	35.9%	7.3%
BELLFLOWER	60,338	26,475	53.2	38.1	8.7
CERRITOS	65,525	25,320	48.7	41.2	10.1
DOWNEY	90,135	43,265	50.5	43.0	6.5
HAWAIIAN GARDENS	11,484	3,707	67.3	23.1	9.6
LAKEWOOD	80,891	41,639	52.6	39.1	8.3
LA MIRADA	44,552	21,397	45.4	46.7	7.9
NORWALK	89,445	37,679	67.1	25.6	7.3
TOTAL	**457,873**	**204,949**	**54.1**	**38.0**	**7.9**

NOTE: The total number of registered voters represents approximately 45% of the 1986 estimated district cities population.

Source: Registrar of Voters Office, Estimates, September 6, 1988.

DISTRICT CITIES: GENDER & AGE
ACTUAL ~ ESTIMATED ~ PROJECTED
1980 — 1991

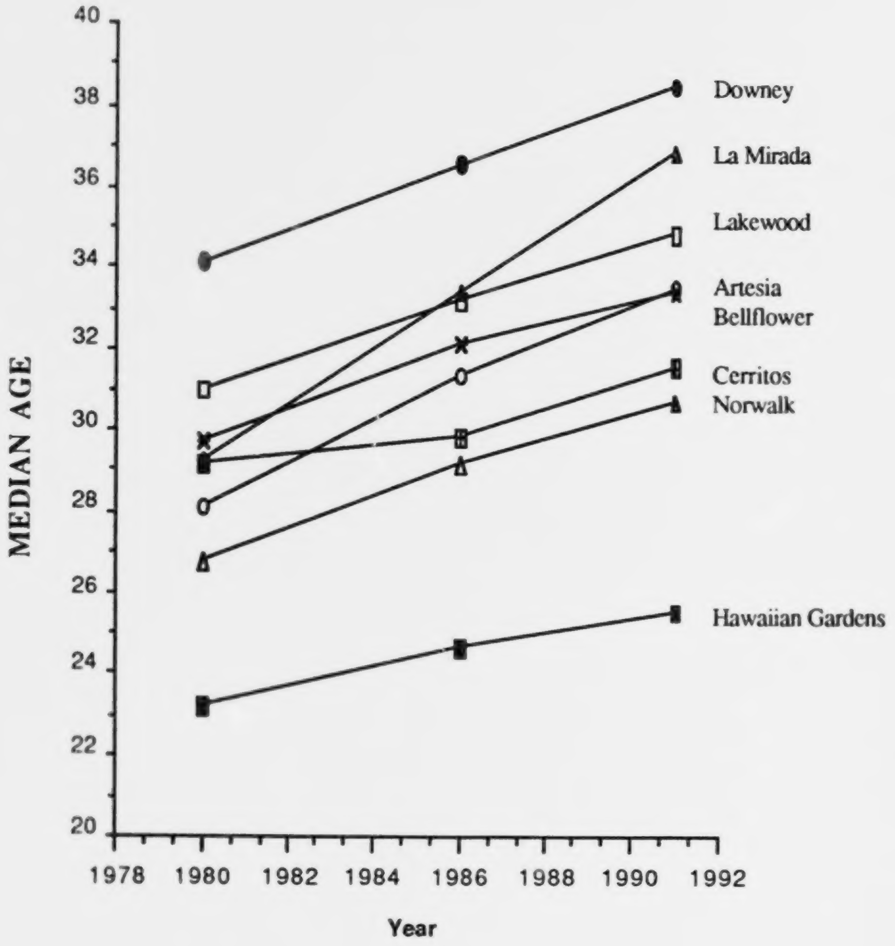
		1980 CENSUS				1986 ESTIMATES				1991 PROJECTIONS			
		0-20	21-44	45-64	65+	0-20	21-44	45-64	65+	0-20	21-44	45-64	65+
ARTESIA	% MALE	38%	36%	18%	8%	32%	40%	19%	9%	29%	41%	20%	10%
	% FEMALE	35	34	19	12	30	36	20	14	27	36	21	16
BELLFLOWER	% MALE	31	40	21	9	28	42	20	10	28	42	19	11
	% FEMALE	29	36	21	13	26	39	20	15	25	39	20	16
CERRITOS	% MALE	43	40	16	2	41	42	15	2	40	42	16	3
	% FEMALE	40	43	14	3	38	45	14	4	38	44	14	4
DOWNEY	% MALE	29	36	26	10	25	39	24	12	24	39	23	14
	% FEMALE	27	34	27	13	23	36	26	16	22	35	25	18
HAWAIIAN GARDENS	% MALE	47	36	13	4	44	40	12	5	43	40	12	5
	% FEMALE	44	35	14	7	40	38	14	8	39	38	14	9
LAKEWOOD	% MALE	34	36	23	7	29	40	22	8	27	41	23	10
	% FEMALE	31	36	24	9	26	39	24	11	24	39	25	13
LA MIRADA	% MALE	38	33	24	5	31	36	27	7	27	35	30	8
	% FEMALE	36	33	24	6	30	34	28	9	26	33	31	11
NORWALK	% MALE	40	36	19	5	36	39	19	6	34	39	19	8
	% FEMALE	38	35	20	7	33	37	21	10	31	36	22	11
TOTAL	**% MALE**	**36**	**37**	**21**	**6**	**32**	**40**	**21**	**8**	**30**	**40**	**21**	**9**
	% FEMALE	**33**	**36**	**22**	**9**	**29**	**38**	**22**	**11**	**28**	**38**	**22**	**12**

27 28

Source: Urban Decision Systems, "Demographic Trends," Estimates, July 1, 1986.

DISTRICT CITIES: MEDIAN AGE
ACTUAL ~ ESTIMATED ~ PROJECTED
1980 — 1991

CITY:	1980 CENSUS	1986 ESTIMATED	1991 PROJECTED
Artesia	28.1	31.4	33.5
Bellflower	29.7	32.1	33.4
Cerritos	29.1	29.8	31.5
Downey	34.1	36.5	38.5
Hawaiian Gardens	23.2	24.6	25.5
Lakewood	31.0	33.2	34.8
La Mirada	29.2	33.4	36.8
Norwalk	26.7	29.1	30.7



Source: Urban Decision Systems, "Demographic Trends," July 1, 1986.

DISTRICT CITIES: RACIAL DISTRIBUTION
ACTUAL ~ ESTIMATED ~ PROJECTED
1980 — 1991

	1980 CENSUS						1986 ESTIMATES						1991 PROJECTIONS					
City	White	Black	Amer Indian	Asian	Hisp	Other	White	Black	Amer Indian	Asian	Hisp	Other	White	Black	Amer Indian	Asian	Hisp	Other
Artesia	91.0%	1.7%	0.8%	4.3%	34.7%	2.3%	86.7%	3.3%	1.0%	5.8%	37.1%	3.2%	83.1%	4.9%	1.2%	6.9%	39.3%	3.8%
Bellflower	92.2	1.9	0.7	4.0	14.8	1.2	88.3	3.5	1.0	5.5	19.0	1.7	85.1	5.1	1.2	6.6	23.9	2.0
Cerritos	68.1	7.9	0.5	21.9	14.3	1.9	65.4	9.4	0.5	22.7	15.2	2.0	64.5	10.6	0.5	22.5	17.8	2.0
Downey	93.8	1.1	0.7	3.5	16.8	0.9	90.1	2.4	1.0	5.1	21.8	1.3	86.9	3.8	1.2	6.4	27.4	1.7
Hawaiian Gardens	89.9	2.8	1.8	4.3	51.6	1.4	85.4	4.6	2.4	5.7	60.9	1.9	81.9	6.4	2.8	6.7	66.4	2.2
Lakewood	93.1	1.8	0.7	3.5	11.6	0.9	89.1	3.5	1.1	5.0	13.9	1.3	85.5	5.2	1.3	6.3	17.9	1.7
La Mirada	94.9	0.7	0.8	3.0	18.8	0.6	92.2	1.6	1.1	4.1	21.7	0.9	89.7	2.7	1.4	5.1	25.7	1.1
Norwalk	92.0	1.8	1.1	4.1	40.1	1.0	88.0	3.4	1.6	5.6	47.8	1.4	84.5	5.0	1.9	6.8	54.3	1.7
TOTAL	**89.7**	**2.4**	**0.8**	**6.0**	**21.8**	**1.1**	**85.7**	**4.0**	**1.1**	**7.7**	**25.7**	**1.5**	**82.5**	**5.5**	**1.3**	**8.9**	**30.1**	**1.8**

*Hispanic origin is an ethnic rather than a racial group, so respondents were asked in a separate question to identify their extraction. Because 56% of persons of Hispanic origin listed themselves as 'White' and 40% listed themselves as 'Other', the totals of all rows add up to more than 100%.

Source: 1980 Census and Urban Decision Systems, "Demographic Trends," Estimates, July 1, 1986.

DISTRICT CITIES: AVERAGE HOUSEHOLD SIZE & NUMBER OF OWNER-RENTER HOUSING UNITS
ACTUAL ~ ESTIMATED ~ PROJECTED
1980 — 1991

	1980 CENSUS			1986 ESTIMATES			1991 PROJECTIONS		
	Average Household Size	Housing Units		Average Household Size	Housing Units		Average Household Size	Housing Units	
		Owner	Renter		Owner	Renter		Owner	Renter
ARTESIA	3.20	2,575	1,757	2.97	2,921	2,132	2.84	3,043	2,337
BELLFLOWER	2.44	9,075	12,539	2.39	10,177	14,754	2.36	10,570	15,809
CERRITOS	3.59	12,903	1,854	3.34	17,210	2,360	3.20	19,909	2,730
DOWNEY	2.49	17,423	15,244	2.42	19,185	17,453	2.38	19,606	18,370
HAWAIIAN GARDENS	3.56	1,478	1,480	3.25	1,793	1,728	3.07	1,961	1,838
LAKEWOOD	2.87	19,072	6,906	2.76	20,918	8,322	2.70	21,218	9,134
LA MIRADA	3.27	10,153	1,924	3.08	11,757	2,165	2.97	12,404	2,282
NORWALK	3.31	17,149	8,053	3.09	18,687	9,584	2.96	18,885	10,384
TOTAL	3.09	89,828	49,757	2.91	102,648	58,498	2.81	107,596	62,884

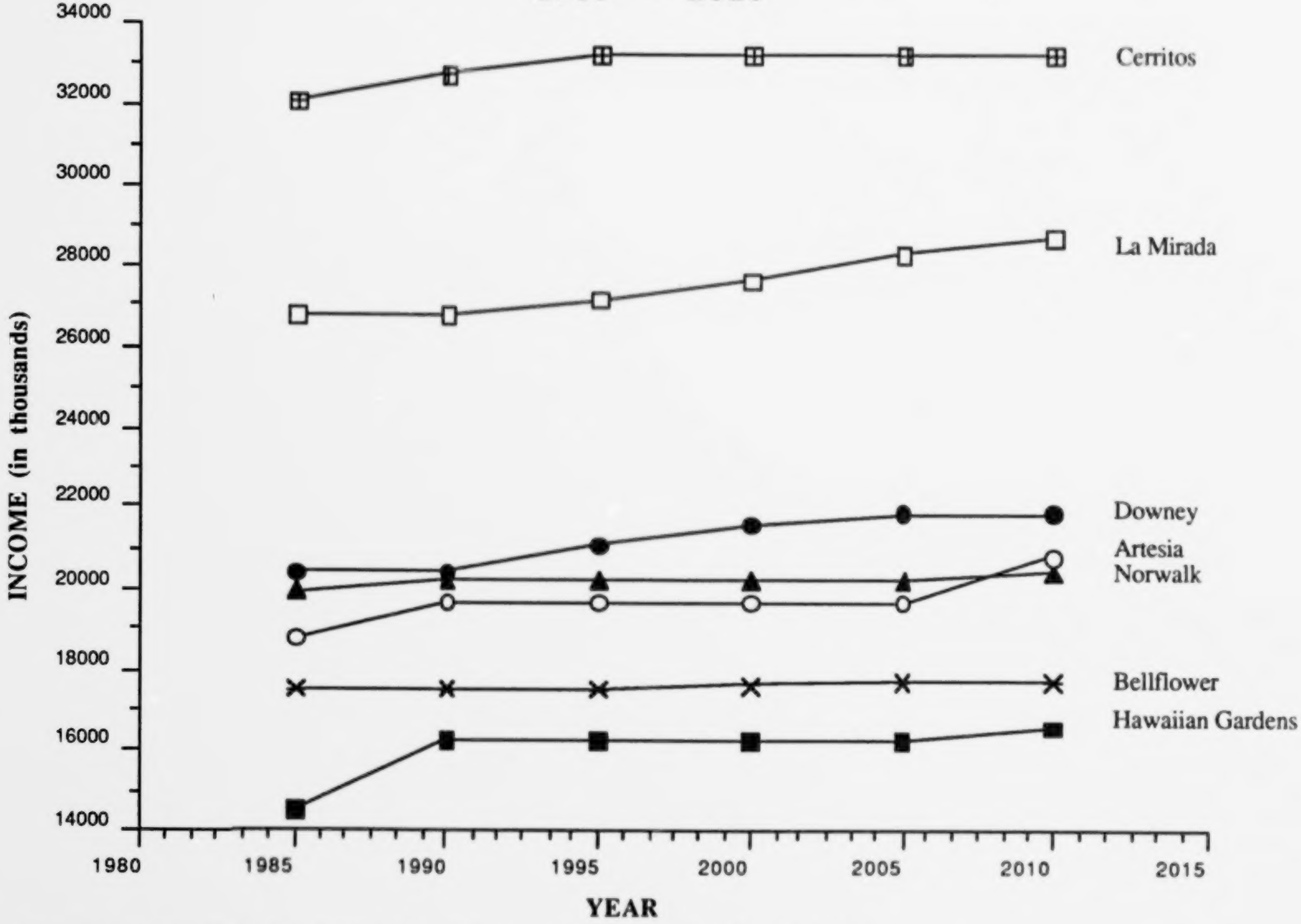
Source: Urban Decision Systems, "Demographic Trends," Estimates, July 1, 1986.

DISTRICT CITIES: PROJECTED MEDIAN HOUSEHOLD INCOME
1985 — 2010

DISTRICT CITY:	1985	1990	1995	2000	2005	2010
Artesia	$18,746	$19,628	$19,624	$19,633	$19,619	$20,737
Bellflower	17,480	17,502	17,515	17,530	17,685	17,699
Cerritos	32,038	32,699	33,253	33,264	33,264	33,274
Downey	20,361	20,362	21,032	21,536	21,836	21,832
Hawaiian Gardens	14,496	16,254	16,238	16,250	16,266	16,511
Lakewood	23,244	23,717	23,926	24,291	24,959	25,422
La Mirada	26,730	26,781	27,098	27,639	28,336	28,642
Norwalk	19,865	20,202	20,195	20,196	20,192	20,382

Source: Southern California Association of Governments. Report 35: June 7, 1985

DISTRICT CITIES:
PROJECTED MEDIAN HOUSEHOLD INCOME
1985 — 2010



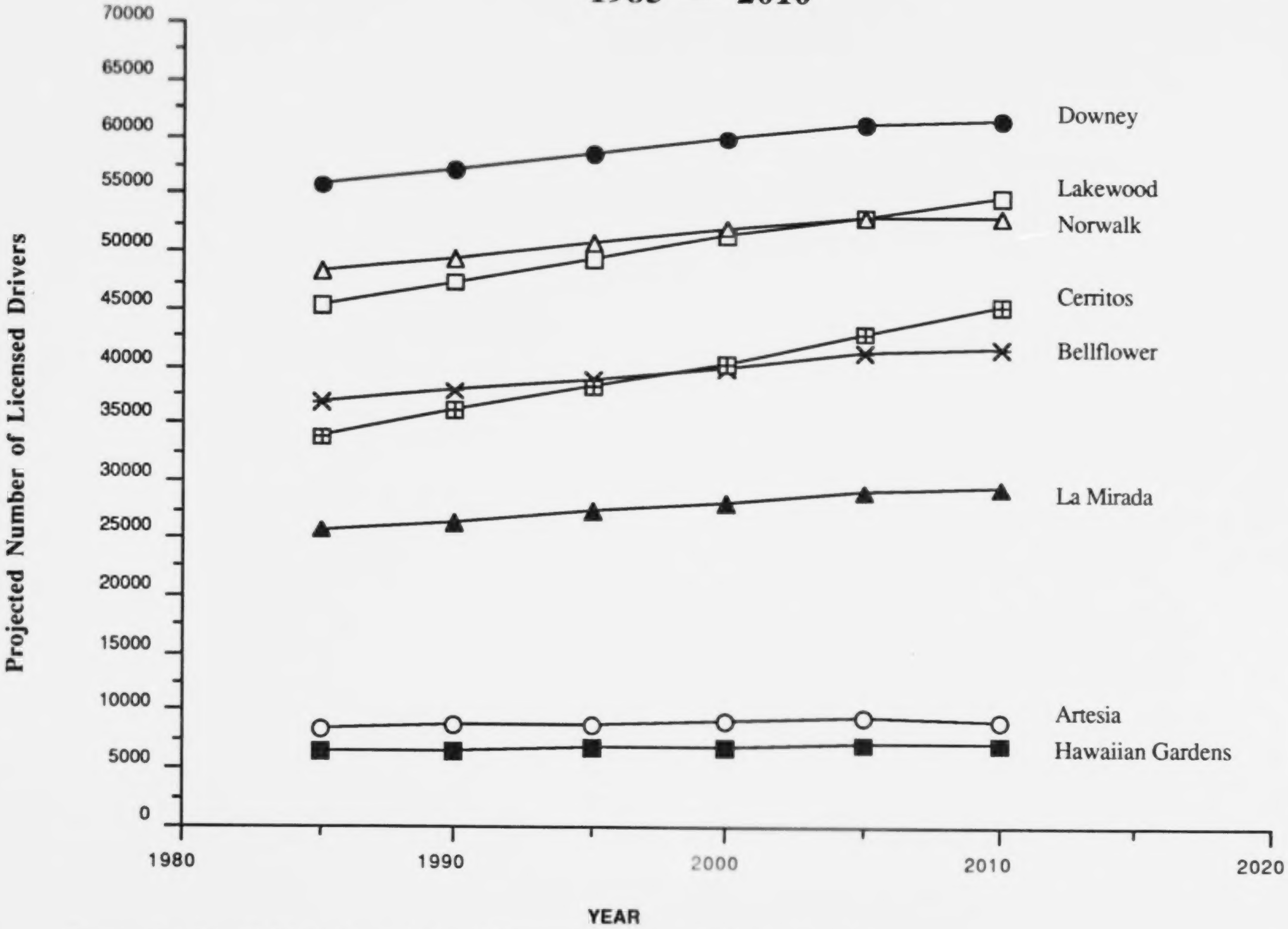
Source: Southern California Association of Governments. Report 35: June 7, 1985.

DISTRICT CITIES: PROJECTED NUMBER OF LICENSED DRIVERS 1985 — 2010

DISTRICT CITY:	1985	1990	1995	2000	2005	2010
Artesia	8,447	8,691	8,934	9,175	9,429	9,288
Bellflower	37,013	38,024	39,041	40,032	41,109	41,518
Cerritos	33,837	36,021	38,279	40,369	43,110	45,413
Downey	55,695	57,100	58,511	59,901	61,364	61,665
Hawaiian Gardens	6,295	6,480	6,666	6,844	7,046	7,187
Lakewood	45,472	47,473	49,420	51,296	53,065	54,621
La Mirada	25,741	26,543	27,357	28,138	29,038	29,462
Norwalk	48,330	49,534	50,742	51,935	53,169	52,965
TOTAL...	260,830	269,866	278,950	287,690	297,330	302,119

Source: Southern California Association of Governments. Report 35: June 7, 1985.

DISTRICT CITIES:
PROJECTED NUMBER OF LICENSED DRIVERS
1985 — 2010



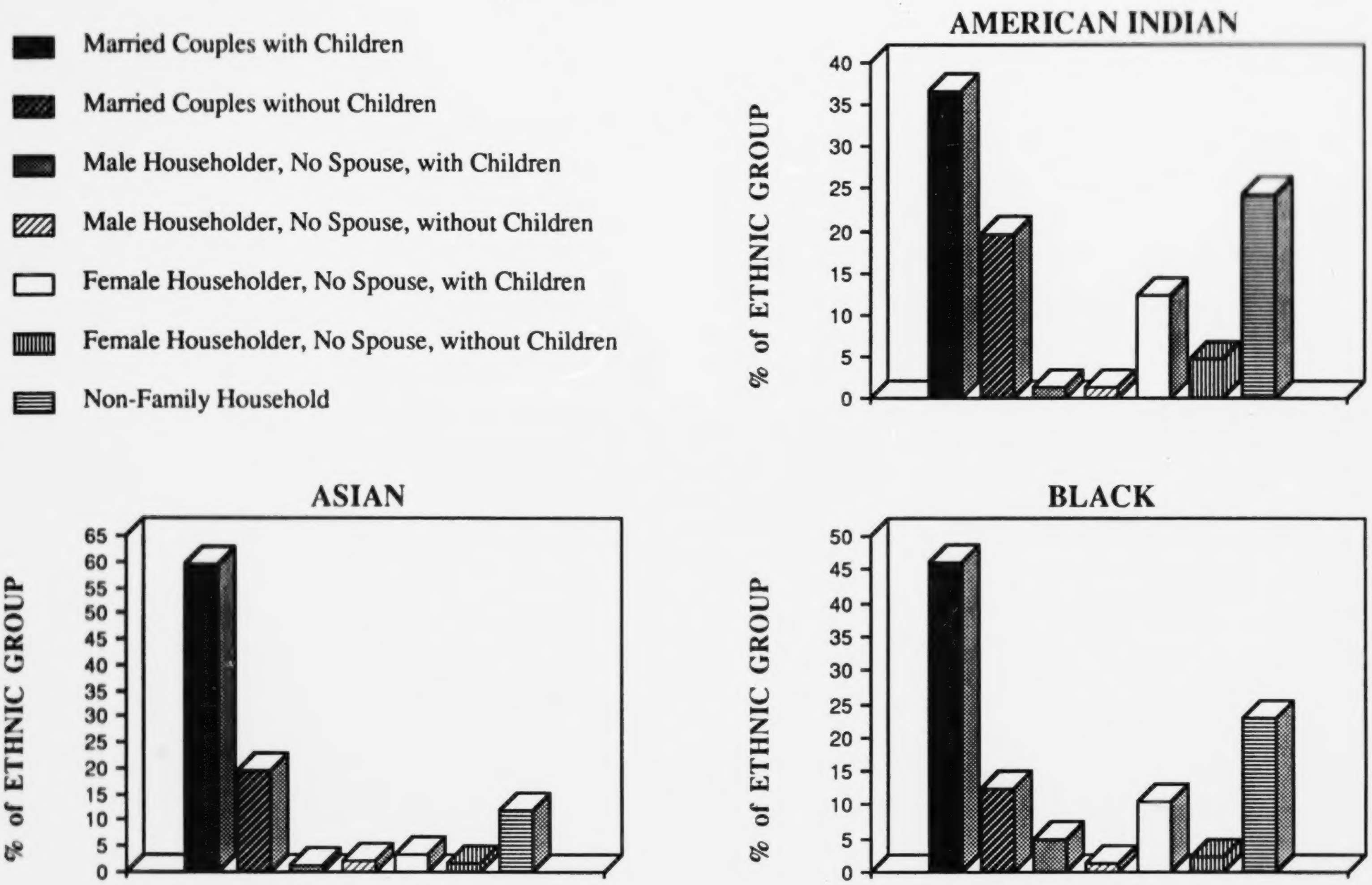
Source: Southern California Association of Governments. Report 35: June 7, 1985.

TYPE OF HOUSEHOLD WITHIN CERRITOS COLLEGE DISTRICT BY ETHNICITY

	White		Black		Amer. Indian		Asian		Hispanic		TOTAL	
Type of Household	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
Married Couple with Children	33,773	30.3%	1,305	46.2%	440	36.6%	4,142	59.4%	11,150	49.6%	43,779	33.6%
Married Couple without Children	36,707	32.9	349	12.4	235	19.6	1,370	19.7	4,572	20.3	40,030	30.8
Male Householder, No Spouse with Children	1,432	1.3	135	4.8	14	1.2	100	1.4	369	16.4	1,818	1.4
Male Householder, No Spouse without Children	2,189	2.0	33	1.2	15	1.2	140	2.0	576	25.6	2,598	1.2
Female Householder, No Spouse with Children	6,665	6.0	292	10.3	147	12.2	237	3.4	2,026	9.0	8,008	6.2
Female Householder, No Spouse without Children	4,211	3.8	63	2.2	58	4.8	135	1.9	813	3.6	4,764	3.7
Non-Family Household	26,468	23.7	645	22.8	292	24.3	846	12.1	2,984	13.3	29,156	22.4
TOTAL...	111,445		2,822		1,201		6,970		22,490		130,153	

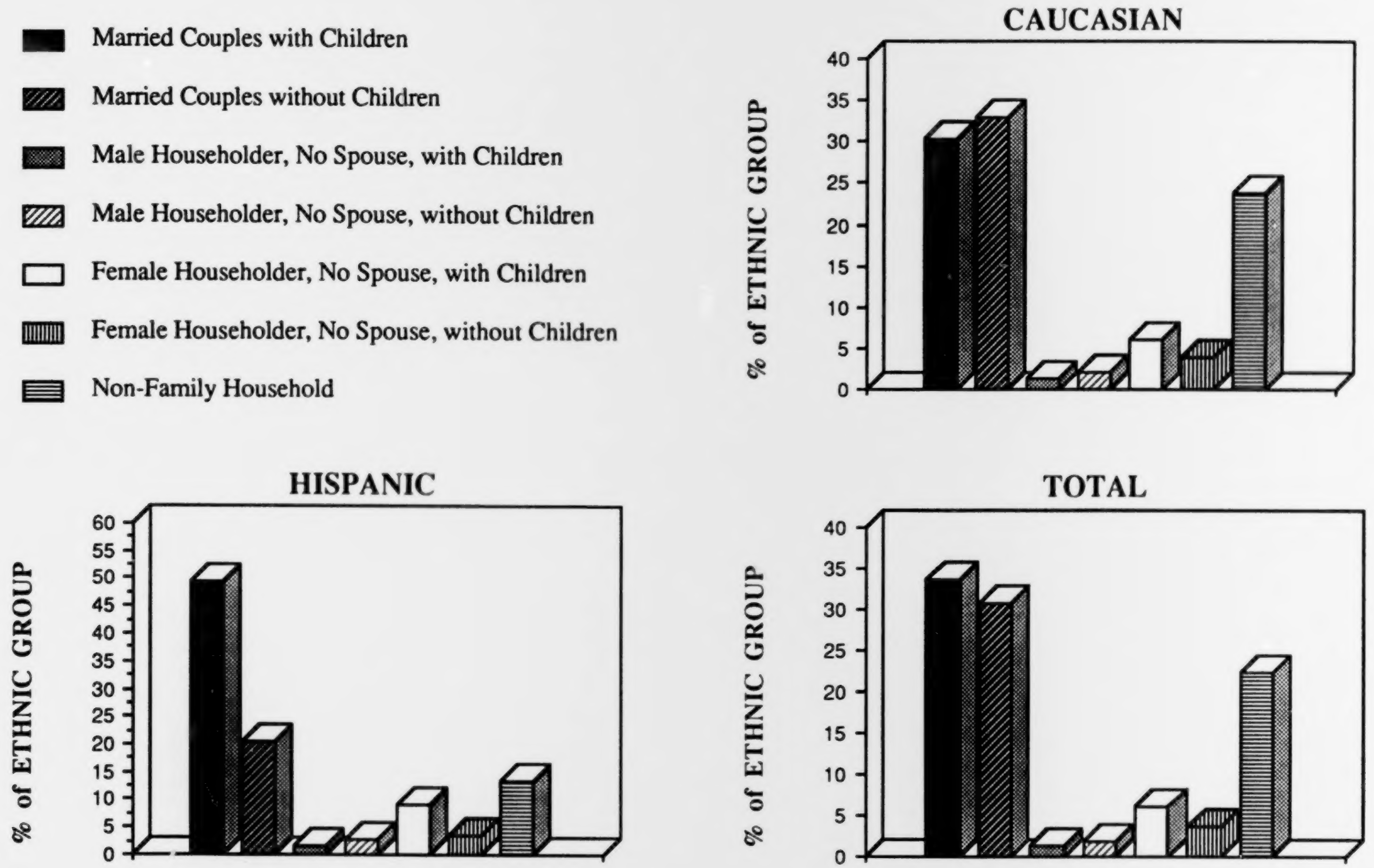
Source: 1980 U.S. Census of Population for Cerritos Community College District.

TYPE OF HOUSEHOLD WITHIN CERRITOS COLLEGE DISTRICT BY ETHNICITY



Source: 1980 U.S. Census of Population for Cerritos Community College District.

TYPE OF HOUSEHOLD WITHIN CERRITOS COLLEGE DISTRICT BY ETHNICITY

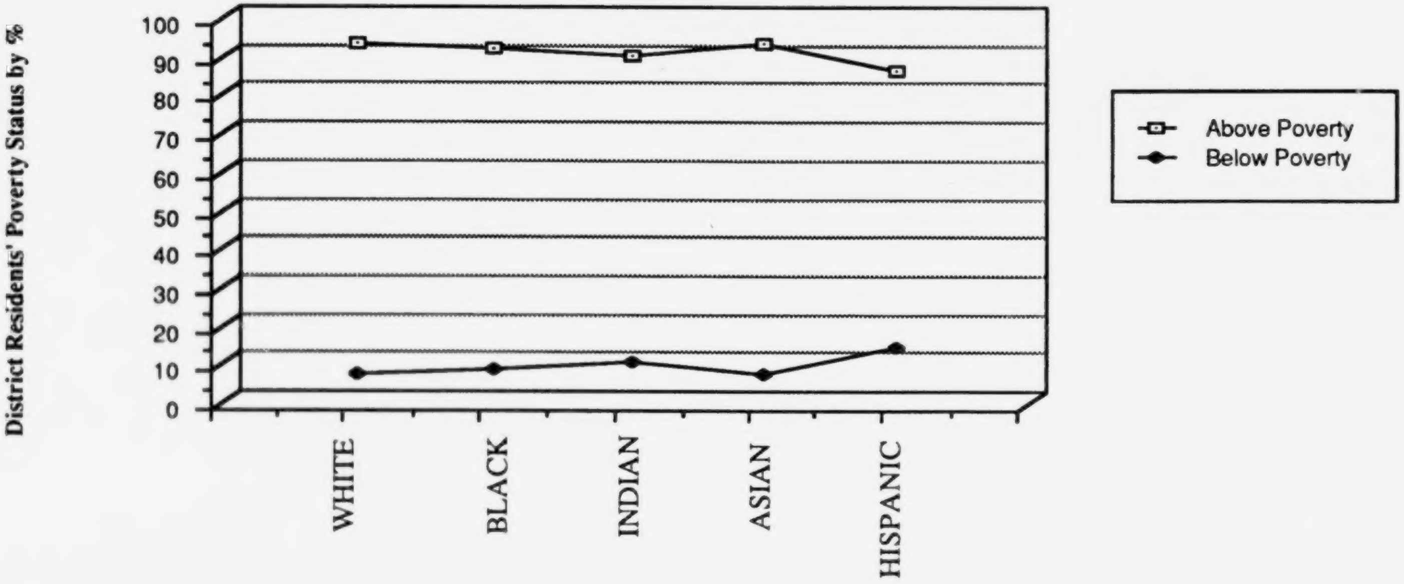


Source: 1980 U.S. Census of Population for Cerritos Community College District.

DISTRICT RESIDENTS' POVERTY STATUS BY ETHNICITY

ETHNICITY

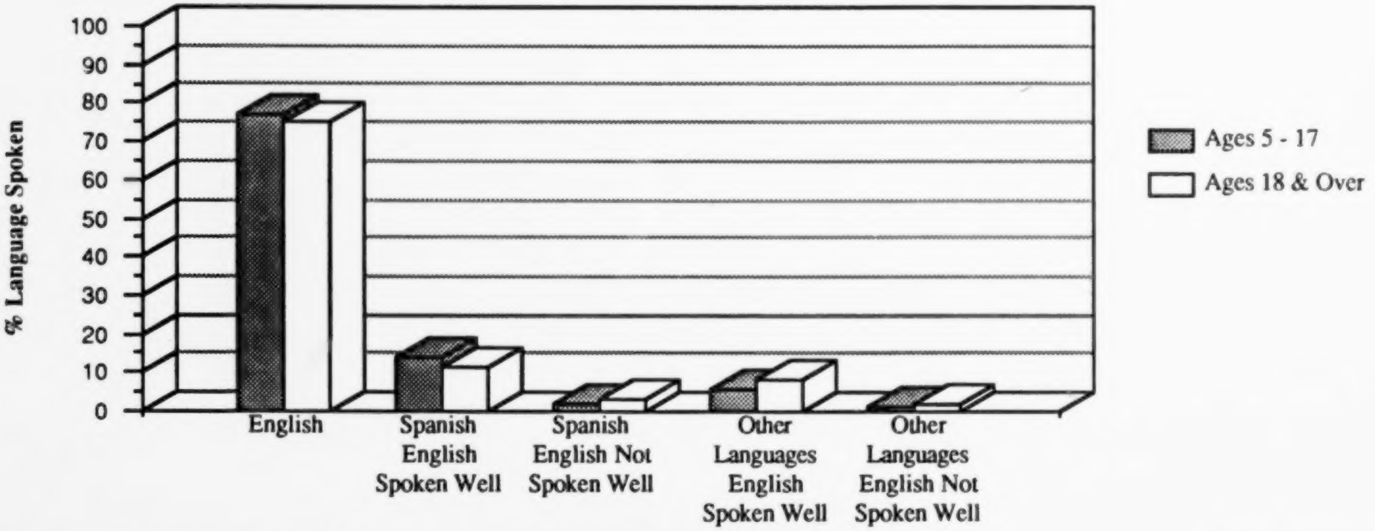
	WHITE (N=312,384)	BLACK (N=8,727)	INDIAN (N=3,569)	ASIAN (N=25,763)	HISPANIC (N=87,442)	TOTAL (N=380,272)
ABOVE POVERTY	92.8%	91.6%	90.0%	92.8%	85.9%	92.2%
BELOW POVERTY	7.2%	8.4%	10.0%	7.2%	14.1%	7.8%



Source: 1980 U.S. Census of Population for Cerritos Community College District

DISTRICT RESIDENTS' LANGUAGE AND ABILITY TO SPEAK ENGLISH

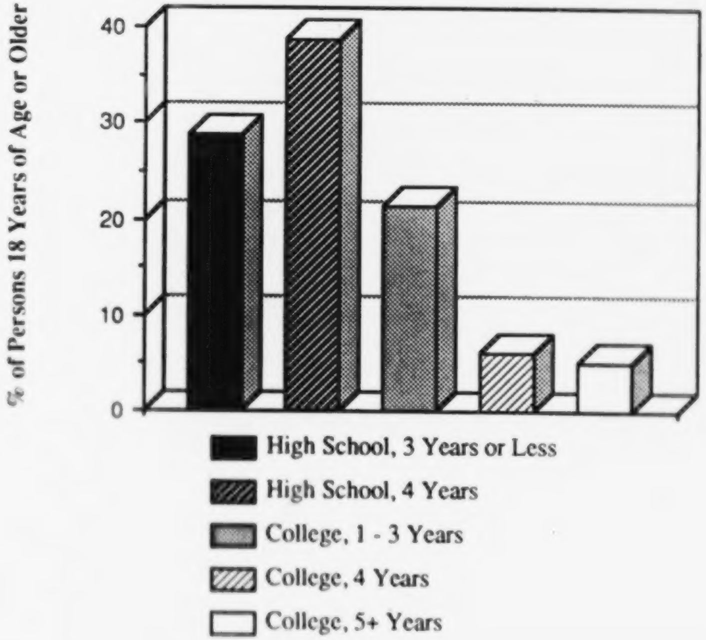
LANGUAGE SPOKEN:	Ages 5 - 17 (N=82,925)	Ages 18 & Over (N=275,612)
English	76.9%	75.2%
Spanish:		
English Spoken Well	13.9	11.3
English Not Spoken Well	2.2	3.3
Other Languages:		
English Spoken Well	6.0	8.4
English Not Spoken Well	1.0	1.7



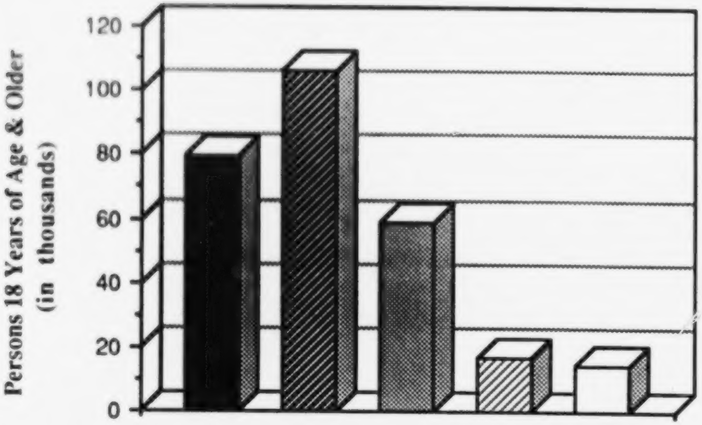
Source: 1980 U.S. Census of Population for Cerritos Community College District.

DISTRICT RESIDENTS' YEARS OF SCHOOL COMPLETED
PERSONS 18 YEARS OF AGE AND OLDER

	(N=275,612)
HIGH SCHOOL, 3 YEARS OR LESS	28.9%
HIGH SCHOOL, 4 YEARS OR LESS	38.6%
COLLEGE, 1 - 3 YEARS	21.4%
COLLEGE, 4 YEARS	6.0%
COLLEGE, 5+ YEARS	5.2%



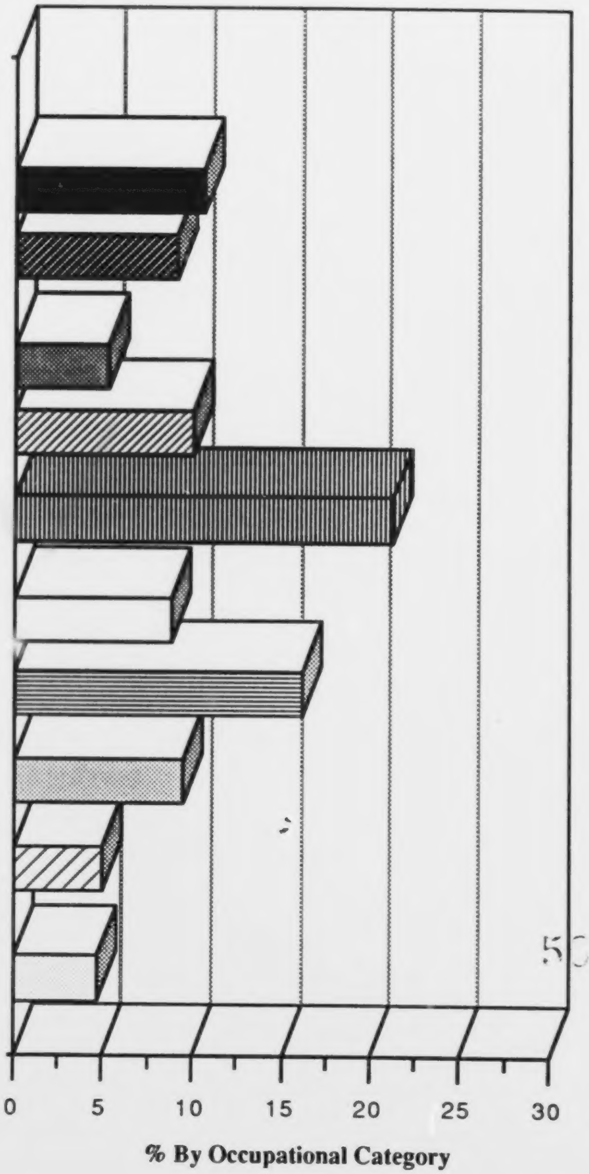
	(N=275,612)
HIGH SCHOOL, 3 YEARS OR LESS	79,600
HIGH SCHOOL, 4 YEARS OR LESS	106,300
COLLEGE, 1 - 3 YEARS	59,000
COLLEGE, 4 YEARS	16,500
COLLEGE, 5+ YEARS	14,300



Source: 1980 U.S. Census of Population for Cerritos Community College District.

EMPLOYMENT STATUS:
DISTRICT RESIDENTS' OCCUPATIONAL CATEGORIES

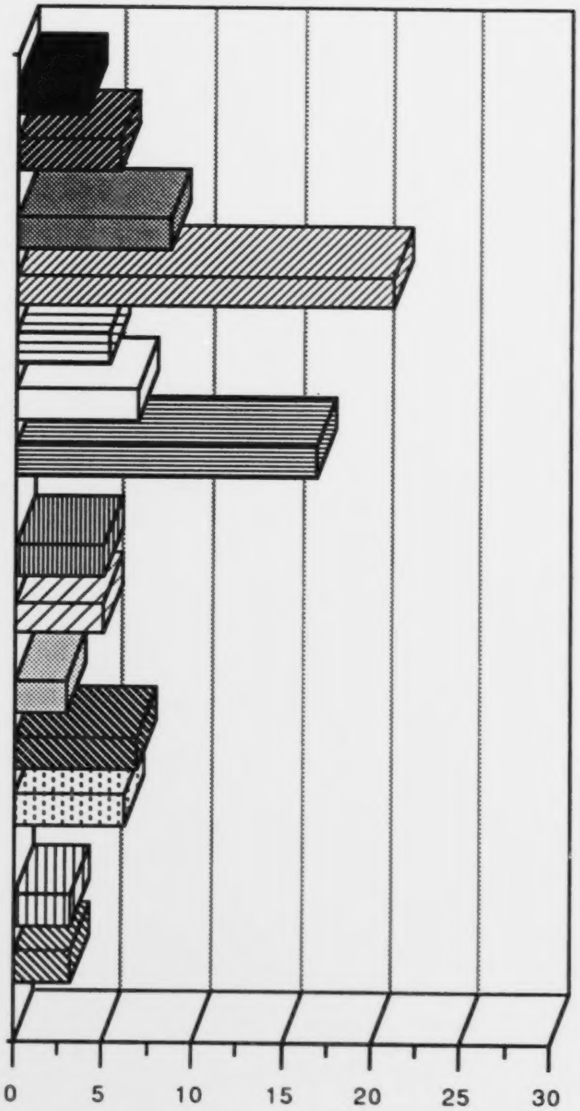
OCCUPATION:	NUMBER	PERCENT	CODE
Executive, Administrative, Managerial	19,398	10.5%	EXEC
Professional Specialty	16,741	9.1%	PROF
Technicians, Household, Protective Services, Farming	9,618	5.2%	OTHER
Sales	18,478	10.0%	SALES
Administrative Support, Including Clerical	39,202	21.3%	SUPPORT
Service, Except Protective & Household	16,106	8.8%	SERVICE
Precision Production, Craft & Repair Services	29,659	16.1%	CRAFT
Machine Operators, Assemblers & Inspectors	17,253	9.4%	MACHINE
Transportation & Material Moving	9,232	5.0%	TRANS
Handlers, Equipment Cleaners, Helpers, & Laborers	8,433	4.6%	LABORERS
TOTAL...	**184,120**		



Source: 1980 U.S. Census of Population for Cerritos Community College District.

EMPLOYMENT STATUS: DISTRICT RESIDENTS' EMPLOYMENT BY INDUSTRY

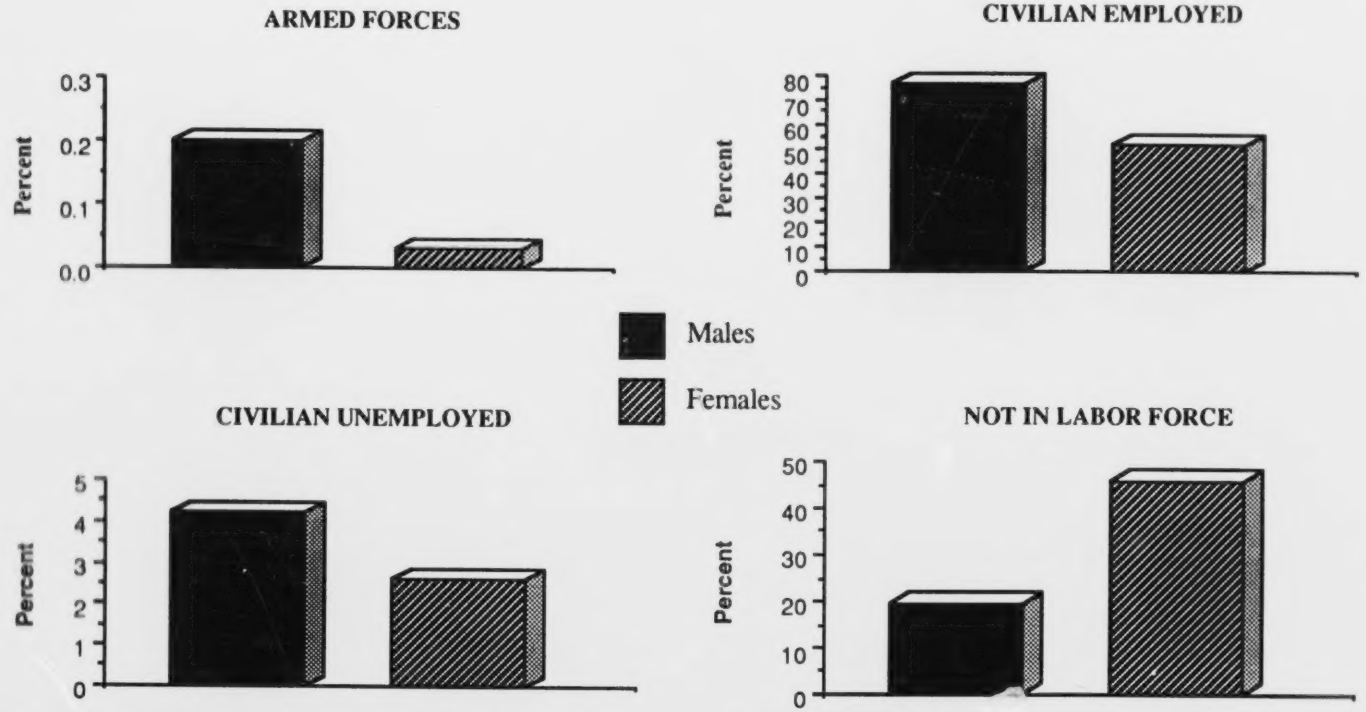
INDUSTRY	NUMBER	PERCENT	CODE
AGRICULTURE, FORESTRY, FISHERIES & MINING COMM. & OTHER PUBLIC UTILITIES	6,926	3.8%	AGRICUL
CONSTRUCTION	10,618	5.8%	CONST
NONDURABLE GOODS	15,743	8.6%	ND MFG
DURABLE GOODS	38,820	21.1%	DR MFG
TRANSPORTATION	9,646	5.2%	TRANS
WHOLESALE TRADE	12,529	6.8%	WHSLE
RETAIL TRADE	30,960	16.8%	RETAIL
FINANCE, INSURANCE, REAL ESTATE	9,149	5.0%	FIN
BUS. & REPAIR SERVICES	9,064	4.9%	BS SER
PERSONAL, ENTERTAINMENT, RECREATIONAL SERVICES	5,394	2.9%	REC
HEALTH SERVICES	12,480	6.8%	HEALTH
EDUCATIONAL SERVICES	11,254	6.1%	EDUC
OTHER PROFESSIONAL & RELATED SERVICES	5,684	3.1%	OTH SERV
PUBLIC ADMINISTRATION	5,854	3.2%	ADMIN
TOTAL:	**184,120**		



Source: 1980 U.S. Census of Population for Cerritos Community College District.

EMPLOYMENT STATUS:
DISTRICT RESIDENTS' PARTICIPATION IN THE LABOR FORCE

LABOR FORCE	MALES	FEMALES	TOTAL
ARMED FORCES	0.2%	0.03%	0.1%
CIVILIAN LABOR FORCE:			
EMPLOYED	76.2%	51.5%	63.4%
UNEMPLOYED	4.2%	2.6%	3.4%
NOT IN LABOR FORCE	19.4%	45.9%	33.0%



Source: 1980 U.S. Census of Population for Cerritos Community College District.

CERRITOS COLLEGE DISTRICT
1987 AREA SOCIO-ECONOMIC STATUS INDEX (SESI) REPORT

Zip Code/City	Highest SESI	High SESI	Above Average SESI	Average SESI	Below Average SESI	Low SESI	Lowest SESI	Percent* of Student Population	Student* Count
90650 - Norwalk	1.8%	3.3%	39.1%	10.6%	38.5%	1.0%	5.7%	17.83%	3,219
90701 - Cerritos (Artesia)	66.3	15.2	6.4	4.2	4.9	0.0	2.8	14.75	2,664
90706 - Bellflower	0.0	14.0	22.9	58.5	4.4	0.0	0.0	10.13	1,830
90241 - Downey	6.8	13.5	42.5	35.8	1.3	0.0	0.0	6.30	1,138
90242 - Downey	0.0	24.5	24.9	40.2	10.6	0.0	0.0	5.79	1,046
90638 - La Mirada	20.1	1.2	70.8	2.7	5.2	0.0	0.0	4.17	754
90240 - Downey	12.3	11.2	66.8	9.7	0.0	0.0	0.0	3.73	675
90715 - Lakewood	0.5	61.1	10.7	0.0	27.8	0.0	0.0	2.72	492
90713 - Lakewood	0.0	8.4	88.1	2.9	0.5	0.0	0.0	2.12	384
90805 - Long Beach	0.2	0.2	12.4	70.4	13.8	0.0	2.9	1.88	341
							TOTAL:	**69.42%**	**12,543**
TOTAL STUDENT POPULATION (Spring 1988 Census Week):								**100.00%**	**18,062**

*Percent of Student Population and Student Count reflect Spring 1988 Semester fourth week census.

Sources: Donnelley Marketing Information Services, "American Profile ClusterPlus Demographics," Estimates May 10, 1988.
Cerritos College Computer Services.

DISTRICT FEEDER SCHOOL ENROLLMENT
1982-83 to 1987-88

Kindergarten:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
ABC Unified	1,470	1,490	1,381	1,546	1,529	1,433
Bellflower Unified	708	680	784	807	848	770
Downey Unified	895	918	900	959	1,031	954
Norwalk-La Mirada Unified	1,461	1,332	1,450	1,520	1,582	1,531
TOTAL	**4,534**	**4,420**	**4,515**	**4,832**	**4,990**	**4,668**
Freshmen:						
ABC Unified	2,000	2,080	2,179	2,141	1,925	1,766
Bellflower Unified	714	719	874	900	886	820
Downey Unified	1,148	1,310	1,481	1,513	1,319	1,394
Norwalk-La Mirada Unified	1,427	1,490	1,523	1,661	1,446	1,387
TOTAL	**5,289**	**5,599**	**6,057**	**6,215**	**5,576**	**5,367**
Seniors:						
ABC Unified	1,557	1,610	1,570	1,618	1,534	1,765
Bellflower Unified	592	574	584	559	581	658
Downey Unified	1,003	902	872	890	973	1,007
Norwalk-La Mirada Unified	1,203	1,255	996	980	1,001	1,021
TOTAL	**4,355**	**4,341**	**4,022**	**4,047**	**4,089**	**4,451**

Source: CBEDS DATABASE, Los Angeles County Office of Education.

DISTRICT FEEDER SCHOOLS SUMMARY, 1987-88
GRADE 12 ~ DISTRICT RANK*
READING AND MATHEMATICS TEST SCORES

	ABC UNIFIED	BELLFLOWER UNIFIED	DOWNEY UNIFIED	NORWALK - LA MIRADA UNIFIED
READING	54 %tile	25%tile	55%tile	19%tile
MATHEMATICS	73	33	57	24

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* These figures indicate each District's standing on a scale of 1 to 99 (99 being the highest) among Districts statewide. These ranks were calculated using District scores that were weighted by the number of students tested in the District. The midpoint of the scale (rank 50) contains the statewide mean score. Because the California State Department of Education is in the process of composing a new writing test which will also examine editing skills, no current scores for this category were available for analysis at press time.

Source: California State Department of Education, California Assessment Program, 1987-88.

DISTRICT FEEDER SCHOOL SUMMARY, 1987-88
SOCIOECONOMIC STATUS OF SENIORS' PARENTS*

	SES	STATEWIDE PERCENTILE RANK OF SES
ABC UNIFIED	3.32	77%tile
BELLFLOWER UNIFIED	2.75	36
DOWNEY UNIFIED	2.97	46
NORWALK-LA MIRADA UNIFIED	2.71	23

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* Grade 12 parents' education level is used as the indicator of SES. A value of 1 to 5 is assigned according to the educational level of the student's parents (1 standing for those whose parents did not graduate from high school; 2 indicates parents who are high school graduates; 3 indicates parents who have completed some college; 4 stands for parents who have graduated from a four-year institution; 5 indicates parents with advanced degrees - e.g., an index of 3.00 at a school would mean that, on the average, the parents of the students attending that school have attended some college).

Source: California State Department of Education, California Assessment Program, 1987-88.

DISTRICT FEEDER SCHOOLS SUMMARY, 1987-88
AID TO FAMILIES WITH DEPENDENT CHILDREN

	% AFDC	STATEWIDE PERCENTILE RANK OF % AFDC
ABC UNIFIED	4.7%	28%tile
BELLFLOWER UNIFIED	7.3	45
DOWNEY UNIFIED	5.8	36
NORWALK - LA MIRADA UNIFIED	10.9	66

* % AFDC refers to the percent of parents in the attendance area who received benefits from the Aid to Families with Dependent Children Program. The statwide percentile rank illustrates how each district ranks in comparison with other other school districts statewide.

Source: California State Department of Education, California Assessment Program, 1987-88.

DISTRICT FEEDER SCHOOLS SUMMARY, 1987-88
LIMITED ENGLISH PROFICIENT (LEP)

	% LIMITED ENGLISH PROFICIENT*	STATEWIDE PERCENTILE RANK OF LEP
ABC UNIFIED	9.0%	89%tile
BELLFLOWER UNIFIED	5.1	78
DOWNEY UNIFIED	3.8	71
NORWALK-LA MIRADA UNIFIED	9.1	89

* % Limited English Proficent (LEP) refers to the % of students who were designated as possessing limited English communication skills. The statewide percentile rank illustrates how each district ranks in comparison with other other school districts statewide. For example, while only 9% of students in the ABC Unified School District were classified as Limited English Proficient, this percentage places ABC Unified at the 89th percentile compared to other school districts statewide.

CENTRAL CLASS INFORMATION OVERVIEW

"The purpose of the Central Class Information Office is to provide free class information for vocational training, JTPA training, and other classes for adults and youth in the Cerritos Regional Articulation and Vocational Education (RAVE) Council region. Participating districts include the unified school districts of ABC, Bellflower, Downey, and Norwalk-La Mirada; the Southeast and the Los Angeles County Regional Occupational Programs; Cerritos College; and private, postsecondary schools.

The Central Class Information Office keeps a current computerized inventory of approximately 5,500 classes for adults and youths in the Cerritos RAVE Council region, as well as in neighboring adult schools and community college districts. The inventory is updated monthly and published in book form twice a year.

During the 1987-88 school year, the Central Class Information Office received a total of 1,326 calls for assistance in approximately 189 subject areas. Those course most frequently requested (20 or more requests) were Childbirth Preparation, Data Processing, Electricity/Electronics, Spanish, Home Economics-Clothing/Sewing, Home Economics-Food/Cooking, Medical Assisting/Terminology, Nursing/Vocational, Real Estate, Shorthand, Typing, Welding, and Word Processing. These are unduplicated counts."

The following pages list by types of subjects the community's interest in Cerritos College's classes.

Source: "Central Class Information Year-End Report, 1987-88," courtesy of Betsy Stewart.

COMMUNITY INTEREST IN CERRITOS COLLEGE CLASSES

TYPES OF SUBJECTS:	Number Requested		
Vocational:	1985-86	1986-87	1987-88
Accounting/Bookkeeping/Medical Billing	7	22	16
Activity Director	5	6	2
Administration of Justice	4	1	3
Aeronautics/Aviation	7	1	1
Air Conditioning/Refrigeration	2	13	14
Appliance Repair	2	4	3
Audiology	2	4	4
Auto Body	3	2	4
Auto Mechanics	18	11	15
Banking	8	9	13
Blueprint Reading	3	7	7
Calligraphy	6	2	3
Cashiering/Grocery Checking	12	16	16
Civil Service Preparation	10	9	10
Computer Repair	6	9	6
Construction/Masonry	10	7	11
Cosmetology	9	5	3
Court Reporting	11	7	4
Culinary Arts	--	--	7
Data Processing	36	35	38
Dental Assisting	8	8	6
Dental Lab Technician	5	3	2
Dental Hygiene	2	3	2
Diesel Mechanic	2	3	--
Dietary Technician/Nutrition	6	1	--
Drafting	8	12	5
Drafting (CAD)	4	5	5
Early Childhood Education	8	12	7
EKG/EEG Technician	8	5	--
Electricity/Electronics	24	28	20
Electronics - Radio, TV, Video & VCR Repair	8	3	6
Emergency Medical Technician	10	7	4
Engine Repair	4	3	5
Floristry	7	7	7
Furniture Manufacturing	2	1	--
Graphic Arts	8	13	8
Home Health Aide	1	4	4
Interior Design	2	3	--
Legal Assisting/Paralegal Assisting	10	8	8
Locksmithing	4	2	3
Machine Tool	3	7	2
Management - Apartment, Hotel/Motel, Property, Restaurant	6	7	6
Management - Small Business	1	4	4
Manicuring	2	9	--

COMMUNITY INTEREST IN CERRITOS COLLEGE CLASSES (continued)

Medical Assisting/Terminology	35	27	20
Motorcycle/Bicycle Repair	2	--	--
Nurse Assisting	26	20	18
Nursing, Continuing Education	5	11	4
Nursing, Registered	4	7	9
Nursing, Vocational	20	12	28
Office Occupations	6	--	--
Operating Room Technician	18	13	3
Optical Technician	7	3	5
Ornamental Horticulture	8	3	1
Pharmacy Technician	4	6	5
Phlebotomy/Medical Lab Technician	7	11	6
Physical Therapy Assistant	6	7	6
Physicians Assistant	--	3	2
Psychiatric Technician	10	16	3
Real Estate	26	22	24
Respiratory/Inhalation Therapy	13	6	2
School Bus Driver	3	2	6
Secretarial/Receptionist Training (includes Shorthand, ABC Stenoscript)	34	34	35
Teacher's Aide	4	4	--
Travel Agency	10	23	14
Typing	20	18	24
Ward Clerk	6	5	4
Welding	12	12	43
Woodworking	7	9	7
Word Processing	22	24	111
Xray Technician	17	14	17
TOTAL	636	640	681
Other Vocational:	87	84	91

Various Academic:

Anatomy & Physiology	1	1	1
Art	12	12	14
Biology	--	--	4
Business English	1	--	--
Chemistry	3	--	--
Economics	1	--	--
English	2	4	5
E.S.L.	11	11	11
Finance	--	1	--
Foreign Languages	53	35	43
History	1	--	--
Journalism	--	4	--
Marketing	--	2	--
Mathematics	24	17	15
Physics	1	--	--

COMMUNITY INTEREST IN CERRITOS COLLEGE CLASSES (continued)

Psychology	1	--	--
Reading	7	--	5
Speech	4	4	2
Speed Reading	--	2	3
Spelling	1	1	1
Statistics	--	--	1
TOTAL	122	94	106
General: ======			
Childbirth Preparation	47	41	54
Citizenship	11	11	3
Counseling & Guidance	9	8	18
Dance	7	3	8
Driver Education	21	38	16
Drug & Alcohol Diversion	8	6	6
Engineering	1	--	1
Fire Science	--	1	1
General Education Development - GED Preparation	14	12	23
General Information	99	122	82
Guitar	1	4	2
Home Economics - Clothing/Sewing	15	20	42
Home Economics - Decorating	5	7	5
Home Economics - Food/Cooking	13	21	16
Home Economics - General	--	--	1
Home Economics - Parenting	9	9	19
Income Tax Preparation	3	4	9
Jewelry Making/Lapidary	3	--	3
Lip Reading	--	2	--
Motorcycle Rider Training	4	1	3
Music	6	1	2
Photography	6	9	8
Physical Education	--	2	3
Piano	1	5	4
Sign Language	9	14	9
Stained Glass	8	2	6
Traffic Violators School	11	15	12
Upholstery	16	14	11
TOTAL	327	372	366
Miscellaneous: ===========	62	37	87

Source: Central Class Information, Betsy Stewart.

Part III

COMPARISONS among COMMUNITY COLLEGES of SIMILAR ENROLLMENT

COMPARISON OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: NUMBER OF FIRST-TIME TRANSFERS TO UC AND CSU SYSTEMS

			NUMBER OF FIRST-TIME TRANSFERS**									
			UC					CSU				
COLLEGE CAMPUS*	TOTAL ENROLL. FOR CREDIT FALL 1987	% OF FULL-TIME CREDIT STUDENTS FALL 1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
CERRITOS	19,144	21.9%	28	48	38	30	41	522	481	434	427	449
AMERICAN RIVER	19,331	21.8%	131	172	146	133	164	726	719	736	667	718
DIABLO VALLEY	20,087	32.7%	213	212	216	242	260	766	804	829	767	739
FULLERTON	17,984	22.3%	63	57	59	63	54	744	724	737	694	669
LONG BEACH CITY	20,625	22.8%	31	59	41	44	49	637	512	567	478	524
LOS ANGELES PIERCE	18,316	30.6%	117	113	98	66	66	741	752	722	653	605
LOS ANGELES VALLEY	18,149	22.7%	93	81	71	67	66	513	494	482	420	445
MT. SAN ANTONIO	20,185	20.1%	36	57	43	51	61	583	595	610	560	550
PASADENA	20,288	25.5%	119	141	111	123	161	704	602	627	625	656
RANCHO SANTIAGO	21,006	16.8%	51	47	50	44	46	356	302	337	337	320
SAN DIEGO MESA	21,357	31.2%	90	102	123	138	143	642	655	569	483	519
SANTA MONICA	18,383	16.4%	214	205	274	253	302	395	446	480	493	504
ALL COMMUNITY COLLEGES	1,095,361	21.8%	5,305	5,257	4,931	4,858	5,465	30,274	30,134	29,682	27,761	28,252

*Comparisons made between Cerritos College and Institutions with similar credit enrollment (± 15%).
Source: California Community Colleges, "Report on Enrollment, Fall 1987."
**Source: CPEC, "Update of Community College Transfer Student Statistics, Fall 1987."

COMPARISON OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: ETHNIC DISTRIBUTION OF COMMUNITY COLLEGE TRANSFER STUDENTS TO THE UC & CSU SYSTEMS* - FALL 1987

COLLEGE CAMPUS**	TOTAL	% AMERICAN INDIAN	% ASIAN	% FILIPINO	% BLACK	% HISPANIC	% WHITE	% UNKNOWN
CERRITOS								
UC Transfers	41	- -	19.5	7.3	9.8	14.6	46.3	2.4
CSU Transfers	449	0.7	13.4	5.3	2.9	22.9	47.2	7.6
AMERICAN RIVER								
UC Transfers	164	2.4	13.4	1.8	3.0	9.1	65.2	4.9
CSU Transfers	711	3.0	5.2	1.3	2.8	5.9	74.7	7.2
DIABLO VALLEY								
UC Transfers	260	1.9	10.4	2.7	1.5	4.6	72.7	6.2
CSU Transfers	739	0.8	5.3	1.4	2.3	4.5	78.6	7.2
FULLERTON								
UC Transfers	54	- -	13.0	1.9	1.9	13.0	64.8	5.6
CSU Transfers	669	1.2	8.8	1.6	1.5	8.7	71.0	6.3
LONG BEACH CITY								
UC Transfers	49	- -	18.4	- -	12.2	8.2	55.1	6.1
CSU Transfers	524	2.3	14.5	2.9	8.4	7.3	57.4	7.6
LOS ANGELES PIERCE								
UC Transfers	66	- -	12.1	1.5	- -	12.1	66.7	7.6
CSU Transfers	605	1.3	9.9	1.5	1.7	4.5	71.1	10.1
LOS ANGELES VALLEY								
UC Transfers	66	- -	9.1	3.0	3.0	12.1	68.1	4.5
CSU Transfers	445	- -	8.8	0.7	4.5	11.7	62.3	11.7
MT. SAN ANTONIO								
UC Transfers	61	1.6	11.5	6.6	6.6	22.9	44.2	6.6
CSU Transfers	550	0.7	7.6	4.4	6.2	17.8	53.5	9.8
PASADENA								
UC Transfers	161	0.6	15.5	0.6	3.1	14.3	54.0	11.8
CSU Transfers	656	0.5	22.6	2.1	4.6	10.5	46.8	13.0
RANCHO SANTIAGO								
UC Transfers	46	- -	26.1	2.2	2.2	13.0	45.6	10.9
CSU Transfers	320	1.6	21.2	0.9	3.8	12.5	47.8	12.2
SAN DIEGO MESA								
UC Transfers	143	3.5	11.2	4.9	4.2	11.9	58.0	6.3
CSU Transfers	519	0.6	6.4	4.6	3.1	8.5	69.4	7.5
SANTA MONICA								
UC Transfers	302	1.3	9.9	1.3	4.6	6.3	63.2	13.2
CSU Transfers	504	0.6	10.5	1.2	9.9	7.3	56.7	13.7
ALL COMMUNITY COLLEGES								
UC Transfers	5,465	0.9	13.0	2.1	3.3	9.6	63.4	7.6
CSU Transfers	28,252	1.2	9.6	2.0	5.2	10.2	63.0	8.8

*Sources: CPEC, "Update of Community College Transfer Student Statistics, Fall 1987."
California Community Colleges, "Report on Enrollment, Fall 1987."

**Comparisons made between Cerritos College and Institutions with similar credit enrollment (± 15%).

COMPARISONS OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: NUMBER & PERCENT OF FULL-TIME, PART-TIME, & NON-CREDIT STUDENTS FALL 1987

COLLEGE CAMPUS:*	FULL-TIME No.	FULL-TIME %	TOTAL PART-TIME No.	TOTAL PART-TIME %	ENROLLMENT FOR CREDIT	NON-CREDIT No.	NON-CREDIT %	TOTAL** CAMPUS ENROLLMENT
CERRITOS	4,198	21.9%	13,976	73.0%	18,174	970	5.1%	19,144
AMERICAN RIVER	4,205	21.8	15,126	78.2	19,331	0	0.0	19,331
DIABLO VALLEY	6,563	32.7	13,524	67.3	20,087	0	0.0	20,087
FULLERTON	4,006	22.3	13,978	77.7	17,984	0	0.0	17,984
LONG BEACH CITY	5,196	22.8	15,429	67.8	20,625	2,120	9.3	22,745
LOS ANGELES PIERCE	5,608	30.6	12,708	69.4	18,316	0	0.0	18,316
LOS ANGELES VALLEY	4,112	22.7	14,037	77.3	18,149	0	0.0	18,149
MT. SAN ANTONIO	5,602	20.1	14,583	52.4	20,185	7,669	27.5	27,854
PASADENA	6,263	25.5	14,025	57.1	20,288	4,266	17.4	24,554
RANCHO SANTIAGO	3,523	16.8	17,483	83.2	21,006	0	0.0	21,006
SAN DIEGO MESA	6,665	31.2	14,692	68.8	21,357	0	0.0	21,357
SANTA MONICA	3,492	16.4	14,891	70.1	18,383	2,869	13.5	21,252
ALL COMMUNITY COLLEGES	275,347	21.8	820,014	64.9	1,095,361	169,048	13.3	1,264,409

*Comparisons made between Cerritos College and Institutions with similar credit enrollment (±15%).

**Total Campus Enrollment includes all Credit and Non-Credit students at these Institutions.

Source: California Community Colleges, "Report on Enrollment, Fall 1987."

COMPARISON OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: PERCENT DISTRIBUTION BY GENDER & ETHNICITY OF ALL STUDENTS
FALL 1987

	GENDER			ETHNICITY									
COLLEGE CAMPUS*	Males	Females	Gender Unknown	% Amer. Indian	% Asian	% Filipino	% Black	% Hispanic	% White	% Other	% Ethnic. Unknown	% Non-White	Total** Campus Enrollment
CERRITOS	47.3%	52.7%	65	2.4	13.5	3.6	7.0	27.3	43.8	2.5	3,357	56.2	19,144
AMERICAN RIVER	43.8	56.2	13	2.1	5.1	1.1	5.1	6.0	78.4	2.2	277	21.6	19,331
DIABLO VALLEY	43.6	56.4	44	0.7	6.2	1.0	2.7	5.2	84.2	0.0	981	15.8	20,087
FULLERTON	48.2	51.8	749	1.6	8.6	0.9	2.1	12.8	71.3	2.8	81	28.7	17,984
LONG BEACH CITY	45.1	54.9	41	0.9	11.3	2.5	11.1	14.4	57.9	1.8	2,533	42.1	22,745
LOS ANGELES PIERCE	48.2	51.8	0	0.6	9.9	1.7	3.4	8.2	73.1	3.1	952	26.9	18,316
LOS ANGELES VALLEY	43.9	56.1	10	0.6	8.4	2.7	6.5	16.8	61.4	3.5	1,061	38.6	18,149
MT. SAN ANTONIO	42.8	57.2	382	1.0	10.1	3.0	6.9	24.2	54.9	0.0	2,276	45.1	27,854
PASADENA	44.1	55.9	549	0.8	18.0	2.1	9.2	23.1	43.5	3.4	1,590	56.5	24,554
RANCHO SANTIAGO	48.6	51.4	400	1.2	15.8	0.9	3.3	17.0	60.6	1.1	115	39.4	21,006
SAN DIEGO MESA	46.5	53.5	21	1.2	8.0	3.5	3.9	8.3	73.0	2.2	155	27.0	21,357
SANTA MONICA	41.7	58.3	979	0.9	11.3	1.4	9.5	9.5	67.3	0.0	0	32.7	21,252
ALL COMMUNITY COLLEGES	43.3	56.7	20,626	1.2	9.7	2.5	7.1	15.0	62.4	2.1	63,610	37.6	1,264,409

*Comparisons made between Cerritos College and Institutions with similar credit enrollment (± 15%).

**Total Campus Enrollment includes all Credit and Non-Credit students at these Institutions.

Source: California Community Colleges, "Report on Enrollment, Fall 1987."

COMPARISON OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: PERCENT DISTRIBUTION BY AGE OF ALL STUDENTS, FALL 1987

COLLEGE CAMPUS*	17 or Under	18	19	20-24	25-29	30-49	50 or Over	No. of Age** Unknown	Total*** Campus Enrollment
CERRITOS	2.2%	9.0%	9.4%	30.8%	17.1%	26.8%	4.8%	2	19,144
AMERICAN RIVER	1.4	11.0	10.2	29.0	17.1	27.7	3.6	13	19,331
DIABLO VALLEY	3.3	12.6	12.1	26.0	12.9	26.1	6.9	7	20,087
FULLERTON	1.9	11.5	12.5	34.0	15.4	20.7	4.1	14	17,984
LONG BEACH CITY	1.2	6.9	7.4	24.0	17.0	32.7	10.7	463	22,745
LOS ANGELES PIERCE	2.9	10.9	11.7	33.9	15.2	20.5	5.1	1	18,316
LOS ANGELES VALLEY	1.9	7.6	8.9	30.0	18.1	27.2	6.4	1	18,149
MT. SAN ANTONIO	3.4	9.9	9.4	25.3	12.8	26.8	12.4	28	27,854
PASADENA	4.2	11.0	11.9	30.9	15.0	22.4	4.6	1,862	24,554
RANCHO SANTIAGO	1.1	4.5	6.1	25.5	19.4	35.1	8.3	14	21,006
SAN DIEGO MESA	5.2	8.8	8.6	32.4	18.9	22.8	3.3	54	21,357
SANTA MONICA	3.5	8.4	9.2	28.5	15.1	21.7	13.4	13	21,252
ALL COMMUNITY COLLEGES	2.5	7.8	8.2	24.4	15.5	30.4	11.2	9,023	1,264,409

*Comparisons made between Cerritos College and Institutions with similar credit enrollment (± 15%).

**Percent Distribution excludes Age Unknown.

***Total Campus Enrollment includes all Credit & Non-Credit students at these institutions.

Source: California Community Colleges, "Report on Enrollment, Fall 1987."

COMPARISON OF INSTITUTIONS WITH SIMILAR CREDIT ENROLLMENT: PERCENT DISTRIBUTION BY TIME OF DAY OF WEEKLY STUDENT CONTACT HOURS (WSCH) FOR REGULARLY SCHEDULED CENSUS UNIT CLASSES - FALL 1987

COLLEGE CAMPUS:*	DAY	EVENING	TOTAL WSCH	TOTAL CREDIT ENROLLMENT
CERRITOS	59.6%	40.4%	163,061	18,174
AMERICAN RIVER	73.8	26.2	163,391	19,331
DIABLO VALLEY	74.7	25.3	189,515	20,087
FULLERTON	71.5	28.5	297,081	17,984
LONG BEACH CITY	66.2	33.8	159,759	20,625
LOS ANGELES PIERCE	70.6	29.4	161,899	18,316
LOS ANGELES VALLEY	64.0	36.0	147,141	18,149
MT. SAN ANTONIO	69.1	30.9	183,834	20,185
PASADENA	70.4	29.6	218,682	20,288
RANCHO SANTIAGO	56.0	44.0	134,301	21,006
SAN DIEGO MESA	65.5	34.5	202,295	21,357
SANTA MONICA	73.5	26.5	150,083	18,383
ALL COMMUNITY COLLEGES	68.9	31.1	9,121,058	1,095,361

*Comparisons made between Cerritos College and Institutions with similar credit enrollment (± 15%).
Source: California Community Colleges, "Report on Enrollment, Fall 1987."

Part IV

CERRITOS COMMUNITY COLLEGE STUDENTS

INFORMATION ABOUT CERRITOS COLLEGE STUDENTS

RECRUITMENT

- Enrollment statistics at Cerritos College indicate that the College is continuing to do an excellent job in recruiting minority students within the District. The percentage of minority students enrolled at Cerritos College continues to be higher than that found within the District population. Caucasians are underrepresented when compared to the percentage found in the District.

- In examining trends in recent high school graduate enrollment rates at Cerritos College, it appears that a decline is occuring. In 1988, 5,396 seniors graduated from high schools within the Cerritos College District. However, only 1,111 (21%) enrolled at Cerritos College for the 1988 Fall Semester. These figures represent a decline from five years ago, when 5,271 seniors graduated from Cerritos College District high schools and 1,450 (28%) enrolled the following Fall semester at Cerritos College.

COLLEGE READINESS

- In examining the College readiness of students who have taken assessment battery tests from August, 1987 to July, 1988, it was found that 33.5% could not read above a 10th grade level, 44.0% had not mastered basic writing, and 25.7% had not mastered basic arithmetic.

STUDENT CHARACTERISTICS

- As of the fourth week census for the Fall 1988 semester, 56.2% of the students enrolled were continuing students; 21.5% were new students; 11.0% were re-admit students; 8.4% were transfer students; and 2.9% were transferring re-admit students.

- Of the 19,301 active students enrolled as of the Fall 1988 semester census, 35.3% were Caucasian, 25.9% were Hispanic, 9.2% were Asian, 5.1% were Black, 3.5% were Filipino, and 1.8% were American Indian. An additional 2.3% represented other ethnic groups, while no response was recorded for 16.9% of the students.

- Almost 65% of the students enrolled at Cerritos College have earned less than 30 college units. However, almost 7% of the students currently enrolled have earned an A.A. degree, A.S. degree, or higher.

- While a majority of students have earned less than 30 college units, 33.9% list 'Transfer to a 4-year institution' as their primary educational goal. 'Improve job skills' was listed by 31.5% as their primary educational goal, followed by 'Earn an A.A. degree'(16.4%), 'Earn a certificate' (9.1%), and 'Earn an A.A. degree and transfer to a 4-year institution' (9.1%).

INFORMATION ABOUT CERRITOS COLLEGE STUDENTS (continued)

DEGREES AND CERTIFICATES

- The largest number of A.A. degrees awarded during the 1987-88 school year were in the following areas (in rank order): General Studies, Nursing, Business Administration (focus on transferring), Business-General, Physical Therapy Assistant, Data Processing-Programmer, Dental Hygene, Management, Natural Science-General, and Electronics Technology.

- The largest number of certificates awarded during the 1987-88 school year were in the following areas (in rank order): Cosmetology, Data Processing-Programmer, Accounting, Data Processing-Operator, Data Processing-Systems Analyst, Early Childhood Education, Pharmacy Technician, Medical Assistant, Real Estate, and Word Processing.

- The largest number of degrees are awarded in the Liberal Arts Division; the largest number of certificates are awarded in the Business Division.

TRANSFER STUDENTS

- Of the students who transferred from Cerritos College in the Fall 1987 semester to another institution, 60% transferred to another California Community College, 30% to a school in the California State University System, 3% transferred to a University of California institution, and 7% transferred to an independent college or university.

- It has conservatively been estimated that Cerritos College sends approximately 900 new transfer students to four-year institutions each year. In Fall 1987, 449 first-time Cerritos College transfer students enrolled in the CSU System, 41 in the UC System, and 105 at independent California colleges and universities. These totals represent an increase of over 11% from the previous Fall transfer total.

- The majority of Cerritos College transfer students to CSUs attend CSU Long Beach, followed by CSU Fullerton, CSU Los Angeles, CSU Dominguez Hills, Cal Poly Pomona, and CSU Northridge.

- Among the twenty California Community Colleges selected to have a funded Transfer Center located on campus, Cerritos College ranked 5th in the number of students who transferred to an independent institution during the Fall 1987 semester, 7th in transfers to CSUs, and 11th in transfers to UCs.

- Cerritos College's transfer students' rate of re-enrollment at CSU campuses (Fall 1987-88) declined slightly from last year, as 79% of Fall transfer students persisted into the Spring semester.

INFORMATION ABOUT CERRITOS COLLEGE STUDENTS (continued)

VOCATIONAL STUDENTS

- Approximately 55% of the students enrolled in Vocational Education programs during the 1986-87 school year indicated that classes were related to their current employment.
- Approximately 38% of the students enrolled in Vocational Education programs during the 1986-87 school year indicated that they attended classes at Cerritos College in order to prepare for a new career.
- Approximately 25% of Vocational Education program students enrolled during the 1986-87 school year indicated that they began their current employment after starting college; 81% indicated that they were employed.

PERFORMANCE

- Approximately 89% of the students who started the Fall 1987 semester completed the term; over 85% of the students who started the Spring 1988 semester completed the term.
- In 1987-88, a total of 750 A.A. degrees and 249 certificates were awarded. Both of these figures represent a continuing decline in the number of degrees and certificates awarded to Cerritos College students.
- Slightly over 7% of the students who intend to get an A.A. degree (some of whom also intend to transfer) actually earn the degree within a five-year period.
- Of the students who originally enrolled at Cerritos College during the Fall 1982 semester, slightly over 8.1% of the students who indicated "Transfer to a four-year institution (without earning an A.A. degree)" as their primary goal also earned an A.A. degree over a five-year period. Students who entered Cerritos College in the Fall 1983 semester with the same primary educational goal received a slightly higher percentage of A.A. degrees (9.1%) over a five-year period.
- Over 7% of the students who intended to get an A.A. degree at Cerritos College and transfer to another institution achieved this objective over the last five-year period. Three percent of the students with this educational objective earned a certificate during the same time period.
- Over the last five-year period, over 6% of the students who entered Cerritos College in order to obtain a certificate actually achieved this educational goal.
- Almost 4% of the students who intended to get a certificate at Cerritos College earned an A.A. degree instead.

INFORMATION ABOUT CERRITOS COLLEGE STUDENTS (continued)

PERFORMANCE (continued)

- Of the students who attended Cerritos College in order to improve their job skills, 2.4% and 2.2% earned A.A. degrees and certficates, respectively, over the last five-year period.
- Caucasian students at Cerritos College earn a disproportionately high percentage of A.A.; Hispanic, Black, Asian/Pacific Islander, American Indian and Filipino students all earn a disproportionately low percentage of A.A. degrees.
- Caucasian, Asian/Pacific Islander, American Indian and Filipino students all earn a disproportionately higher percentage of certificates at Cerritos College; Hispanic and Black students earn disproportionately low percentages of certificates.

TRENDS IN PERCENTAGE ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES*

Unified School District:	1980	1981	1982	1983	1984	1985	1986	1987	1988
ABC	39%	34%	34%	31%	26%	26%	26%	21%	21%
Bellflower	34	33	33	26	21	18	21	18	20
Downey	35	42	38	37	30	28	25	26	25
Norwalk-La Mirada	26	29	27	23	23	24	22	21	23
Private High Schools	19	20	22	18	18	16	15	14	14
Average Total....	31%	32%	31%	28%	24%	23%	22%	20%	21%

Source: Cerritos College Computer Services, Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1980

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	342	127	37%
Cerritos High	450	174	39
Richard Gahr High	452	212	47
Tracy Education High	51	15	29
Whitney High	28	12	43
Adult School	75	NA	NA
TOTAL	1,398	540	39%
BELLFLOWER UNIFIED			
Bellflower High	274	117	43%
Mayfair High	300	103	34
Somerset Cont. High	70	11	16
Adult School	27	NA	NA
TOTAL	671	231	34%
DOWNEY UNIFIED			
Downey High	557	188	34%
Warren High	460	187	41
Columbus Cont. High	32	NA	NA
Adult School	23	NA	NA
TOTAL	1,072	375	35%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	159	68	43%
John Glenn High	262	81	31
La Mirada High	302	61	20
Neff High	261	82	31
Norwalk High	225	70	31
El Camino High	141	14	10
Adult School	115	NA	NA
TOTAL	1,465	376	26%
PRIVATE HIGH SCHOOLS			
Pius X High	175	29	17%
St. John Bosco High	169	40	24
St. Joseph High	141	40	28
St. Paul High	290	37	13
Valley Christian High	103	24	23
TOTAL	878	170	19%
GRAND TOTAL	5,484	1,692	31%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1981

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	374	127	34%
Cerritos High	480	156	33
Richard Gahr High	413	166	40
Tracy Education High	57	19	33
Whitney High	31	13	42
Adult School	49	NA	NA
TOTAL	1,404	481	34%
BELLFLOWER UNIFIED			
Bellflower High	278	101	36%
Mayfair High	337	132	39
Somerset Cont. High	87	13	15
Adult School	39	NA	NA
TOTAL	741	246	33%
DOWNEY UNIFIED			
Downey High	471	220	47%
Warren High	412	170	41
Columbus Cont. High	18	NA	NA
Adult School	19	NA	NA
TOTAL	920	390	42%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	179	80	45%
John Glenn High	211	82	39
La Mirada High	245	61	25
Neff High	208	47	23
Norwalk High	221	81	37
El Camino High	101	15	15
Adult School	117	NA	NA
TOTAL	1,282	366	29%
PRIVATE HIGH SCHOOLS			
Pius X High	175	62	35%
St. John Bosco High	169	31	18
St. Joseph High	141	33	23
St. Paul High	290	34	12
Valley Christian High	103	18	17
TOTAL	878	178	20%
GRAND TOTAL	5,225	1,661	32%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1982

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	393	99	25%
Cerritos High	466	174	37
Richard Gahr High	485	204	42
Tracy Education High	96	15	16
Whitney High	34	19	56
Adult School	41	NA	NA
TOTAL	1,515	511	34%
BELLFLOWER UNIFIED			
Bellflower High	258	108	42%
Mayfair High	298	101	34
Somerset Cont. High	102	15	15
Adult School	29	NA	NA
TOTAL	687	224	33%
DOWNEY UNIFIED			
Downey High	496	192	39%
Warren High	411	171	42
Columbus Cont. High	24	NA	NA
Adult School	18	NA	NA
TOTAL	949	363	38%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	7	NA
John Glenn High	335	99	30%
La Mirada High	430	100	23
Neff High	NA	7	NA
Norwalk High	294	131	45
El Camino High	116	8	7
Adult School	151	NA	NA
TOTAL	1,326	352	27%
PRIVATE HIGH SCHOOLS			
Pius X High	261	74	28%
St. John Bosco High	175	34	19
St. Joseph High	141	31	22
St. Paul High	308	55	18
Valley Christian High	109	25	23
TOTAL	994	219	22%
GRAND TOTAL	5,471	1,669	31%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1983

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	342	80	23%
Cerritos High	470	159	34
Richard Gahr High	481	188	39
Tracy Education High	102	19	19
Whitney High	43	18	42
Adult School	52	NA	NA
TOTAL	1,490	464	31%
BELLFLOWER UNIFIED			
Bellflower High	250	79	32%
Mayfair High	277	79	29
Somerset Cont. High	48	5	10
Adult School	43	NA	NA
TOTAL	618	163	26%
DOWNEY UNIFIED			
Downey High	480	183	38%
Warren High	416	172	41
Columbus Cont. High	28	NA	NA
Adult School	24	NA	NA
TOTAL	948	355	37%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	5	NA
John Glenn High	301	103	34%
La Mirada High	407	72	18
Neff High	NA	3	NA
Norwalk High	265	95	36
El Camino High	130	9	7
Adult School			
TOTAL			
PRIVATE HIGH SCHOOLS			
Pius X High	188	44	23%
St. John Bosco High	203	39	19
St. Joseph High	178	42	24
St. Paul High	311	36	12
Valley Christian High	104	20	19
TOTAL	984	181	18%
GRAND TOTAL	5,271	1,450	28%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1984

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	375	76	20%
Cerritos High	460	144	31
Richard Gahr High	416	133	32
Tracy Education High	109	11	10
Whitney High	91	21	23
Adult School	47	NA	NA
TOTAL	1,498	385	26%
BELLFLOWER UNIFIED			
Bellflower High	202	67	33%
Mayfair High	272	48	18
Somerset Cont. High	59	12	20
Adult School	84	NA	NA
TOTAL	617	127	21%
DOWNEY UNIFIED			
Downey High	410	124	30%
Warren High	398	135	34
Columbus Cont. High	29	NA	NA
Adult School	33	NA	NA
TOTAL	870	259	30%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	1	NA
John Glenn High	308	99	32%
La Mirada High	366	44	12
Neff High	NA	1	NA
Norwalk High	267	113	42
El Camino High	87	7	8
Adult School	134	NA	NA
TOTAL	1,162	265	23%
PRIVATE HIGH SCHOOLS			
Pius X High	174	56	32%
St. John Bosco High	188	34	18
St. Joseph High	152	24	16
St. Paul High	314	32	10
Valley Christian High	110	24	22
TOTAL	938	170	18%
GRAND TOTAL	5,085	1,206	24%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1985

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	365	73	20%
Cerritos High	464	137	30
Richard Gahr High	394	134	34
Tracy Education High	68	14	21
Whitney High	105	7	7
Adult School	24	NA	NA
TOTAL	1,420	365	26%
BELLFLOWER UNIFIED			
Bellflower High	195	54	28%
Mayfair High	262	49	19
Somerset Cont. High	84	NA	NA
Adult School	33	NA	NA
TOTAL	574	103	18%
DOWNEY UNIFIED			
Downey High	462	136	29%
Warren High	397	123	31
Columbus Cont. High	35	NA	NA
Adult School	20	NA	NA
TOTAL	914	259	28%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	1	NA
John Glenn High	261	75	29%
La Mirada High	356	53	15
Neff High	NA	3	NA
Norwalk High	250	107	43
El Camino High	31	10	32
Adult School	142	NA	NA
TOTAL	1,040	249	24%
PRIVATE HIGH SCHOOLS			
Pius X High	154	40	26%
St. John Bosco High	192	27	14
St. Joseph High	209	30	14
St. Paul High	310	39	13
Valley Christian High	127	23	18
TOTAL	992	159	16%
GRAND TOTAL	4,940	1,135	23%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1986

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	405	84	21%
Cerritos High	474	143	30
Richard Gahr High	437	147	34
Tracy Education High	97	27	28
Whitney High	107	11	10
Adult School	50	NA	NA
TOTAL	1,570	412	26%
BELLFLOWER UNIFIED			
Bellflower High	245	53	22%
Mayfair High	228	55	24
Somerset Cont. High	86	14	16
Adult School	16	NA	NA
TOTAL	575	122	21%
DOWNEY UNIFIED			
Downey High	454	131	29%
Warren High	379	109	29
Columbus Cont. High	25	NA	NA
Adult School	110	NA	NA
TOTAL	968	240	25%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	1	NA
John Glenn High	300	86	29%
La Mirada High	378	51	13
Neff High	NA	NA	NA
Norwalk High	214	84	39
El Camino High	42	7	17
Adult School	108	NA	NA
TOTAL	1,042	229	22%
PRIVATE HIGH SCHOOLS			
Pius X High	172	37	22%
St. John Bosco High	189	24	13
St. Joseph High	162	17	10
St. Paul High	302	36	12
Valley Christian High	109	24	22
TOTAL	934	138	15%
GRAND TOTAL	5,089	1,141	22%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1987

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	356	72	20%
Cerritos High	480	113	24
Richard Gahr High	395	100	25
Tracy Education High	84	23	27
Whitney High	165	7	4
Adult School	50	NA	NA
TOTAL	1,530	315	21%
BELLFLOWER UNIFIED			
Bellflower High	234	59	25%
Mayfair High	247	38	15
Somerset Cont. High	90	11	12
Adult School	30	NA	NA
TOTAL	601	108	18%
DOWNEY UNIFIED			
Downey High	467	130	28%
Warren High	425	118	28
Columbus Cont. High	22	NA	NA
Adult School	45	NA	NA
TOTAL	959	248	26%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	NA	NA
John Glenn High	301	65	22%
La Mirada High	354	47	13
Neff High	NA	2	NA
Norwalk High	250	96	38
El Camino High	44	9	21
Adult School	108	NA	NA
TOTAL	1,057	219	21%
PRIVATE HIGH SCHOOLS			
Pius X High	214	45	21%
St. John Bosco High	198	22	11
St. Joseph High	188	12	6
St. Paul High	308	36	12
Valley Christian High	119	24	20
TOTAL	1,027	139	14%
GRAND TOTAL	5,174	1,029	20%

Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

ENROLLMENT RATES OF DISTRICT HIGH SCHOOL GRADUATES - 1988

High Schools:	Number of Graduates	Number Enrolled at Cerritos	Enrollment Rate
ABC UNIFIED			
Artesia High	332	72	22%
Cerritos High	524	104	20
Richard Gahr High	441	118	27
Tracy Education High	106	31	29
Whitney High	148	8	5
Adult School	63	NA	NA
TOTAL	1,614	333	21%
BELLFLOWER UNIFIED			
Bellflower High	248	77	31%
Mayfair High	285	40	14
Somerset Cont. High	94	12	13
Adult School	18	NA	NA
TOTAL	645	129	20%
DOWNEY UNIFIED			
Downey High	463	150	32%
Warren High	459	110	24
Columbus Cont. High	42	NA	NA
Adult School	65	NA	NA
TOTAL	1,029	260	25%
NORWALK-LA MIRADA UNIFIED			
Excelsior High	NA	2	NA
John Glenn High	312	88	28%
La Mirada High	362	44	12
Neff High	NA	1	NA
Norwalk High	279	111	40
El Camino High	26	6	23
Adult School	115	NA	NA
TOTAL	1,094	252	23%
PRIVATE HIGH SCHOOLS			
Pius X High	213	34	16%
St. John Bosco High	215	25	12
St. Joseph High	168	21	13
St. Paul High	300	40	13
Valley Christian High	118	17	14
TOTAL	1,014	137	14%
GRAND TOTAL	5,396	1,111	21%

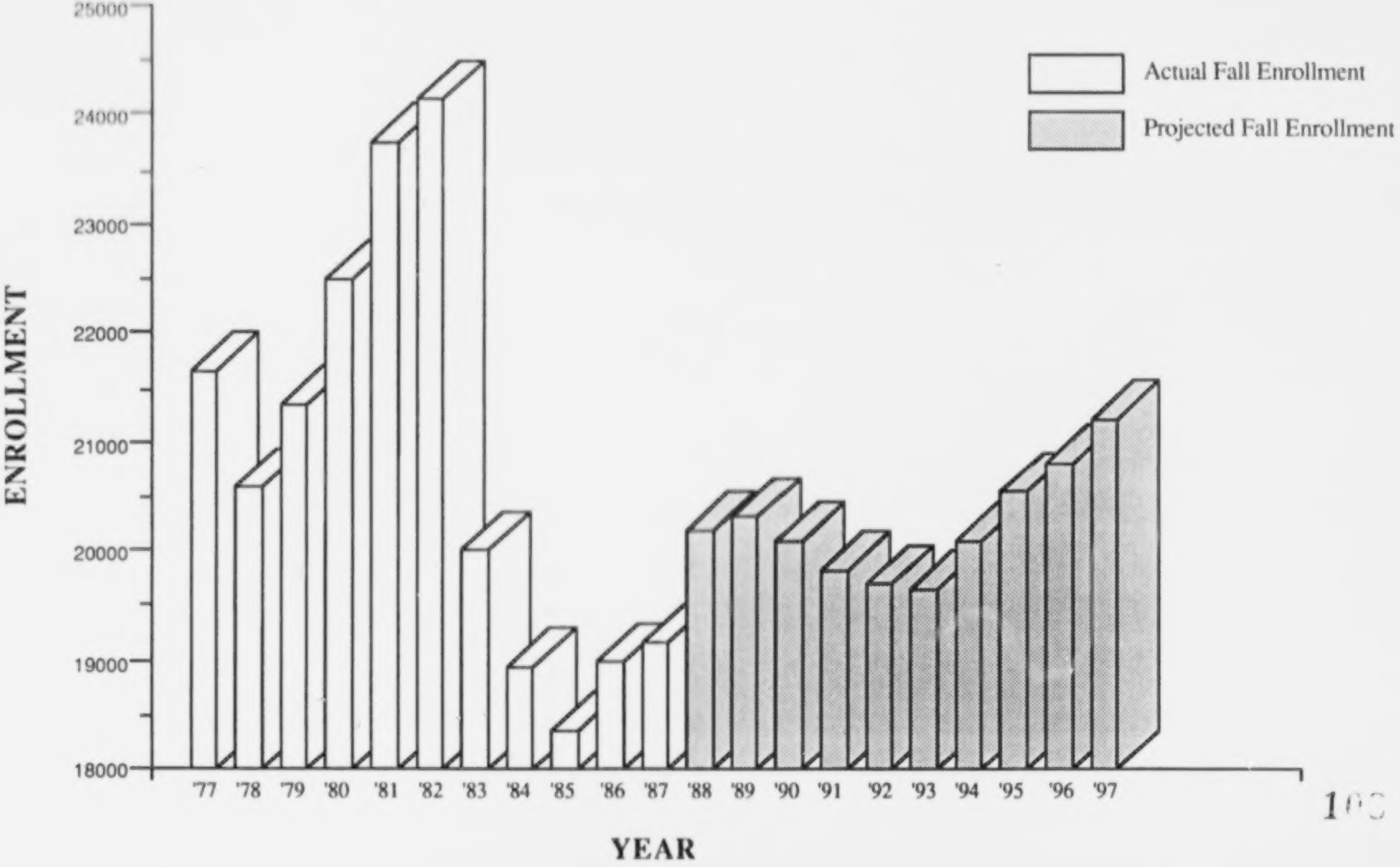
Source: Cerritos College Fall-Census Week STAT Reports, District High Schools.

CERRITOS COMMUNITY COLLEGE DISTRICT
ACTUAL AND PROJECTED FALL ENROLLMENT
1977-1997

	DAY CREDIT			EVENING CREDIT			NON-CREDIT			TOTAL		
	Enroll-ment	WSCH	WSCH/ Enr.	Enroll-ment	WSCH	WSCH/ Enr.	Enroll-ment	WSCH	WSCH/ Enr.	Enroll-ment	WSCH	WSCH/ Enr.
ACTUAL												
1977	12,107	129,674	10.7	8,985	82,893	9.2	569	4,411	7.8	21,661	216,978	10.0
1978	11,084	116,874	10.5	9,439	78,455	8.3	68	937	13.8	20,591	196,266	9.5
1979	11,355	118,986	10.5	9,868	80,284	8.1	101	2,056	20.4	21,324	201,326	9.4
1980	11,910	122,774	10.3	9,618	81,939	8.5	966	5,128	5.3	22,494	209,841	9.3
1981	12,419	125,661	10.1	10,058	86,875	8.6	1,270	6,345	5.0	23,747	218,881	9.2
1982	12,947	130,561	10.1	9,930	85,980	8.7	1,293	2,968	2.3	24,170	219,509	9.1
1983	10,799	116,876	10.8	8,832	77,449	8.8	370	529	1.4	20,001	194,854	9.7
1984	10,264	107,813	10.5	8,233	69,916	8.5	450	596	1.3	18,947	178,325	9.4
1985	9,553	101,116	10.6	8,088	67,541	8.4	710	813	1.1	18,351	169,470	9.2
1986	9,862	102,136	10.4	8,423	68,533	8.1	715	1,067	1.5	19,000	171,736	9.0
1987	9,873	104,292	10.6	8,301	68,259	8.2	970	1,523	1.6	19,144	174,074	9.1
PROJECTED												
1988	10,410	109,300	10.5	8,800	71,300	8.1	960	1,500	1.6	20,170	182,100	9.0
1989	10,470	110,000	10.5	8,920	72,300	8.1	950	1,500	1.6	20,340	183,800	9.0
1990	10,250	107,600	10.5	8,890	72,000	8.1	940	1,500	1.6	20,080	181,100	9.0
1991	10,040	105,400	10.5	8,860	71,700	8.1	930	1,500	1.6	19,830	178,600	9.0
1992	9,940	104,400	10.5	8,830	71,500	8.1	920	1,500	1.6	19,690	177,400	9.0
1993	9,920	104,100	10.5	8,820	71,400	8.1	910	1,500	1.6	19,650	177,000	9.0
1994	10,280	108,000	10.5	8,920	72,200	8.1	910	1,500	1.6	20,110	181,700	9.0
1995	10,620	111,500	10.5	9,020	73,100	8.1	910	1,500	1.6	20,550	186,100	9.1
1996	10,740	112,800	10.5	9,140	74,000	8.1	920	1,500	1.6	20,800	188,300	9.1
1997	10,950	114,900	10.5	9,310	75,400	8.1	930	1,500	1.6	21,190	191,800	9.1

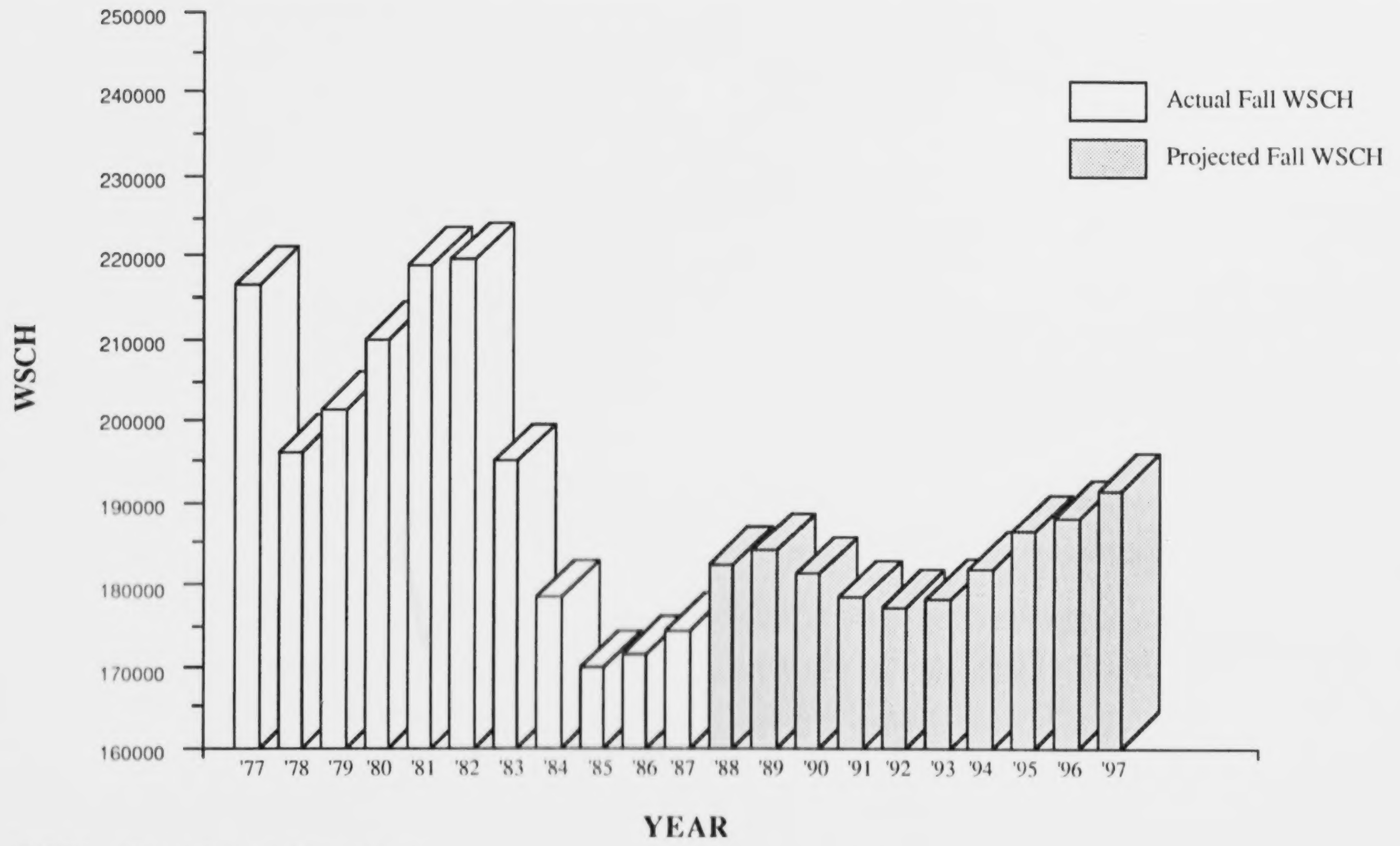
Source: "1988 Ten-Year Community College Capital Outlay Projection," Population Research Unit, Department of Finance, October 1, 1988.

CERRITOS COMMUNITY COLLEGE DISTRICT
ACTUAL AND PROJECTED FALL ENROLLMENT
1977 TO 1997



Source: "1988 Ten-Year Community College Capital Outlay Projection," Population Research Unit, Department of Finance, October 1, 1988.

CERRITOS COMMUNITY COLLEGE DISTRICT
ACTUAL AND PROJECTED ANNUAL AVERAGE WSCH*
1977 TO 1997



*WSCH: Weekly Student Contact Hours

Source: "1988 Ten-Year Community College Capital Outlay Projection," Population Research Unit, Department of Finance, October 1, 1988.

OPENING ENROLLMENT STATISTICS
FALL 1984 ~ FALL 1988

	1984 N=18,828	1985 N=17,853	1986 N=18,640	1987 N=18,244	1988 N=19,221
	========	========	========	========	========
Part-time	14,495	13,755	14,060	13,974	15,613
Full-time	4,333	4,098	4,580	4,270	3,608
New Student	3,811	3,626	3,913	3,745	4,020
Continuing Student	11,234	10,084	10,380	10,336	10,978
Re-Admit Student	2,582	2,804	2,978	2,767	2,661
Transfer Student	1,201	1,339	1,369	1,396	1,562
Day	6,429	6,202	6,335	6,100	7,009
Extended Day	8,517	8,259	8,617	8,647	8,877
Day and Extended Day	3,882	3,392	3,688	3,497	3,335
Educational Goal:					
Transfer to 4-yr College	5,857	5,711	6,010	6,158	6,488
A.A. Transfer	1,520	1,571	1,621	1,628	1,727
A.A. Degree	3,700	3,240	3,173	3,063	3,174
Certificate	1,613	1,492	1,557	1,569	1,772
Job Skills	6,138	5,839	6,279	5,826	6,060
Martial Status:					
Never Been Married	11,501	11,057	11,346	11,324	12,159
Married	5,650	5,239	5,546	5,303	5,416
Divorced	1,170	1,108	1,236	1,134	1,172
Separated	348	313	355	360	353
Widowed	159	136	157	123	121
Ethnic Group:					
American Indian	303	341	364	358	350
Caucasian	7,679	7,106	7,125	6,901	6,762
Mexican-American, Chicano	3,794	3,643	3,929	4,289	4,973
Negro, Black, Afro-American	933	882	838	877	976
Oriental	1,278	1,286	1,484	1,589	1,796
Filipino	588	554	591	567	664
Other/No Response	4,253	4,041	4,309	3,663	3,700
Age Group:					
Under 21	6,345	5,867	5,712	5,637	6,110
21 to 24	4,098	4,028	4,199	3,999	4,035
25 to 29	3,025	2,811	3,023	2,976	3,169
30 to 34	1,876	1,808	1,925	1,904	1,934
35 to 49	2,696	2,644	2,956	2,933	3,135
50 or Over	788	695	825	795	838
Sex:					
Male	8,549	8,046	8,408	8,273	8,479
Female	10,279	9,807	10,232	9,971	10,742

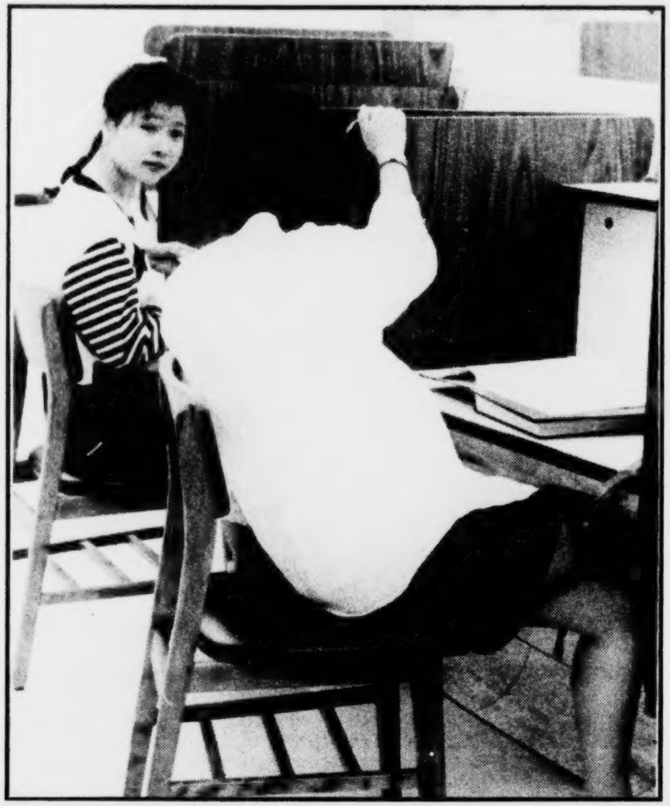
Source: Cerritos College Fall-Opening STAT Reports, Program AR810-R.

OPENING ENROLLMENT STATISTICS
FALL 1984 ~ FALL 1988

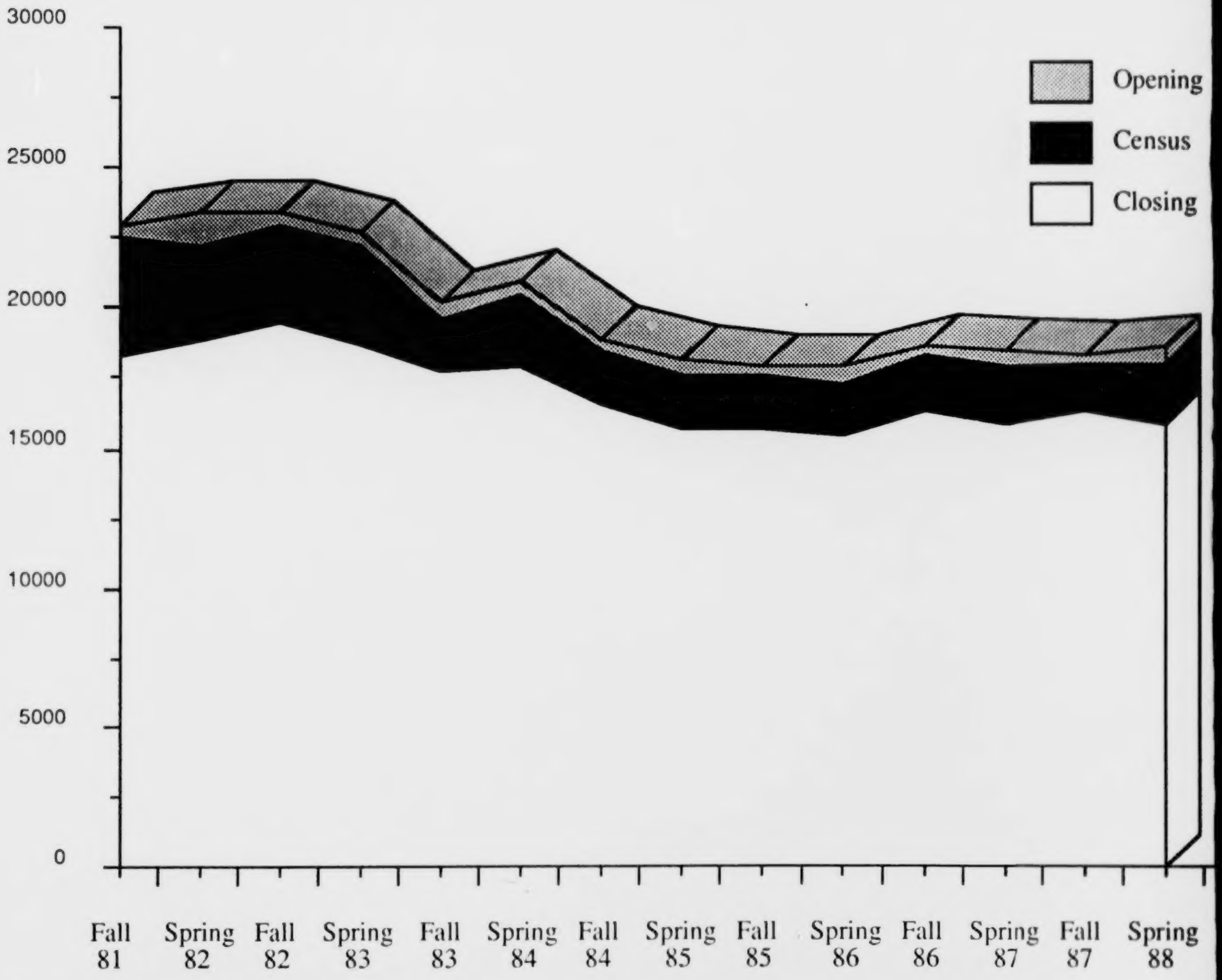
	1984 N=18,828	1985 N=17,853	1986 N=18,640	1987 N=18,244	1988 N=19,221
Part-time	76.9%	77.0%	75.4%	76.6%	81.2%
Full-time	23.0	23.0	24.6	23.4	19.8
New Student	20.2	20.3	21.0	20.5	20.9
Continuing Student	59.7	56.5	55.7	56.7	57.1
Re-Admit Student	13.7	15.7	16.0	15.2	13.8
Transfer Student	6.4	7.5	7.3	7.7	8.2
Day	34.1	34.7	34.0	33.4	36.5
Extended Day	45.2	46.3	46.2	47.4	46.2
Day and Extended Day	20.6	19.0	19.8	19.2	17.3
Educational Goal:					
Transfer to 4-yr College	31.1	32.0	32.2	33.8	33.7
A.A. Transfer	8.1	8.8	8.7	8.9	9.0
A.A. Degree	19.6	18.1	17.0	16.8	16.6
Certificate	8.6	8.4	8.4	8.6	9.2
Job Skills	32.6	32.7	33.7	31.9	31.5
Marital Status:					
Never Been Married	61.1	61.9	60.9	62.1	63.3
Married	30.0	29.3	29.8	29.1	28.2
Divorced	6.2	6.2	6.6	6.2	6.1
Separated	1.8	1.8	1.9	2.0	1.8
Widowed	0.8	0.8	0.8	0.7	0.6
Ethnic Group:					
American Indian	1.6	1.9	2.0	2.0	1.8
Caucasian	40.8	39.8	38.2	37.8	35.2
Mexican-American, Chicano	20.1	20.4	21.1	23.5	25.9
Negro, Black, Afro-American	4.9	4.9	4.5	4.8	5.1
Oriental	6.8	7.2	8.0	8.7	9.3
Filipino	3.1	3.1	3.2	3.1	3.5
Other/No Response	22.6	22.6	23.1	20.1	19.2
Age Group:					
Under 21	33.7	32.9	30.6	30.9	31.7
21 to 24	21.8	22.6	22.5	21.9	21.0
25 to 29	16.1	15.7	16.2	16.3	16.5
30 to 34	9.9	10.1	10.3	10.4	10.1
35 to 49	14.3	14.8	15.9	16.1	16.3
50 or Over	4.2	3.9	4.4	4.4	4.4
Sex:					
Male	45.4	45.1	45.1	45.3	44.1
Female	54.6	54.9	54.9	54.7	55.9

Source: Cerritos College Fall-Opening STAT Reports, Program AR810-R.

LOOKING FORWARD TO NEW HORIZONS

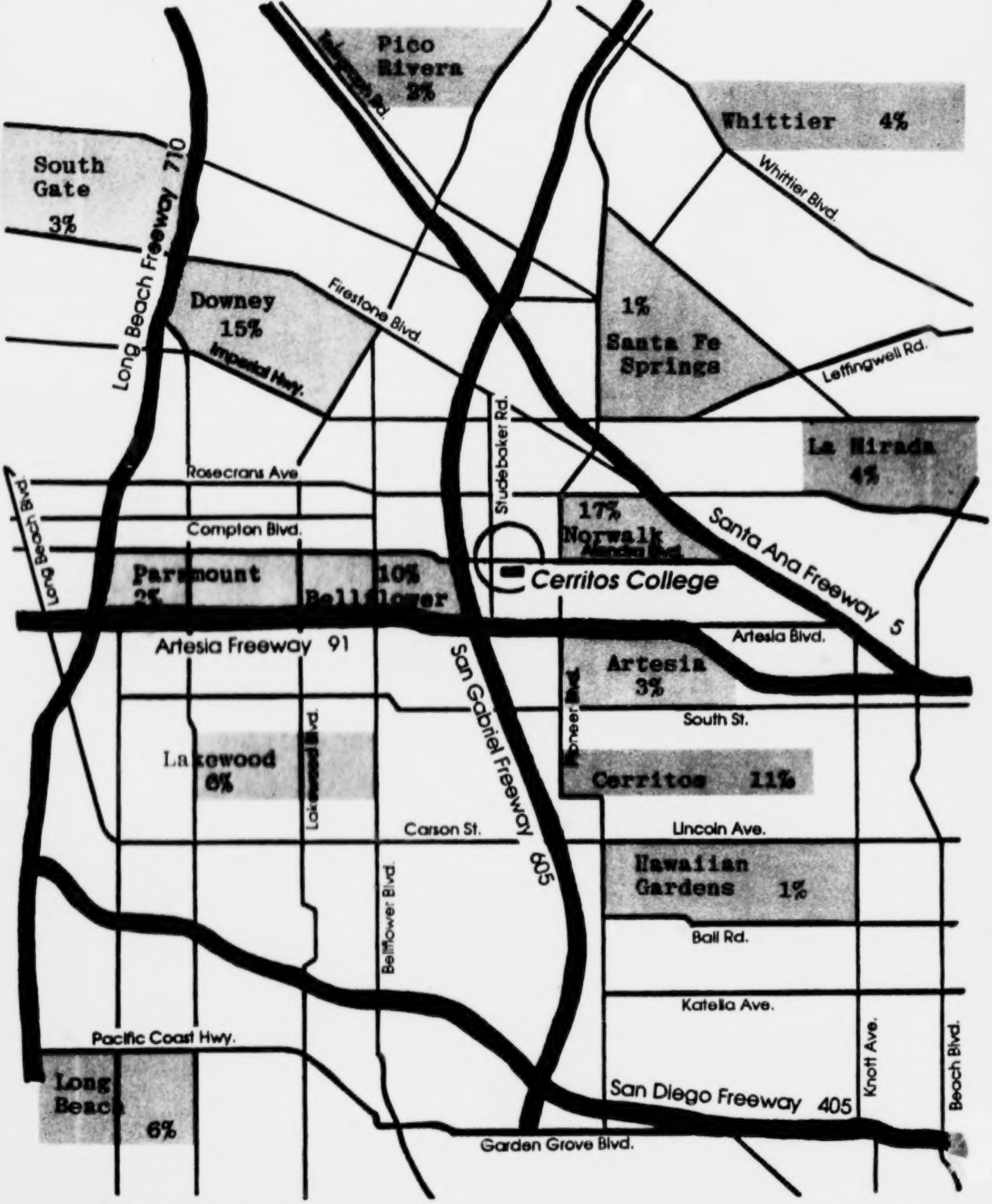


ENROLLMENT CHANGES WITHIN SEMESTERS
FALL 1981 ~ SPRING 1988
(OPENING, CENSUS, AND CLOSING ENROLLMENTS)



Source: Cerritos College Computer Services, STAT Reports, AR810-R.

GEOGRAPHIC DISTRIBUTION OF CERRITOS COLLEGE STUDENT RESIDENCES, FALL 1988 (by % of total opening enrollment)



TOTAL OPENING ENROLLMENT = 19,301

OTHER CITIES = 16.3%

Source: Cerritos College Computer Services, Program CTYCNT.

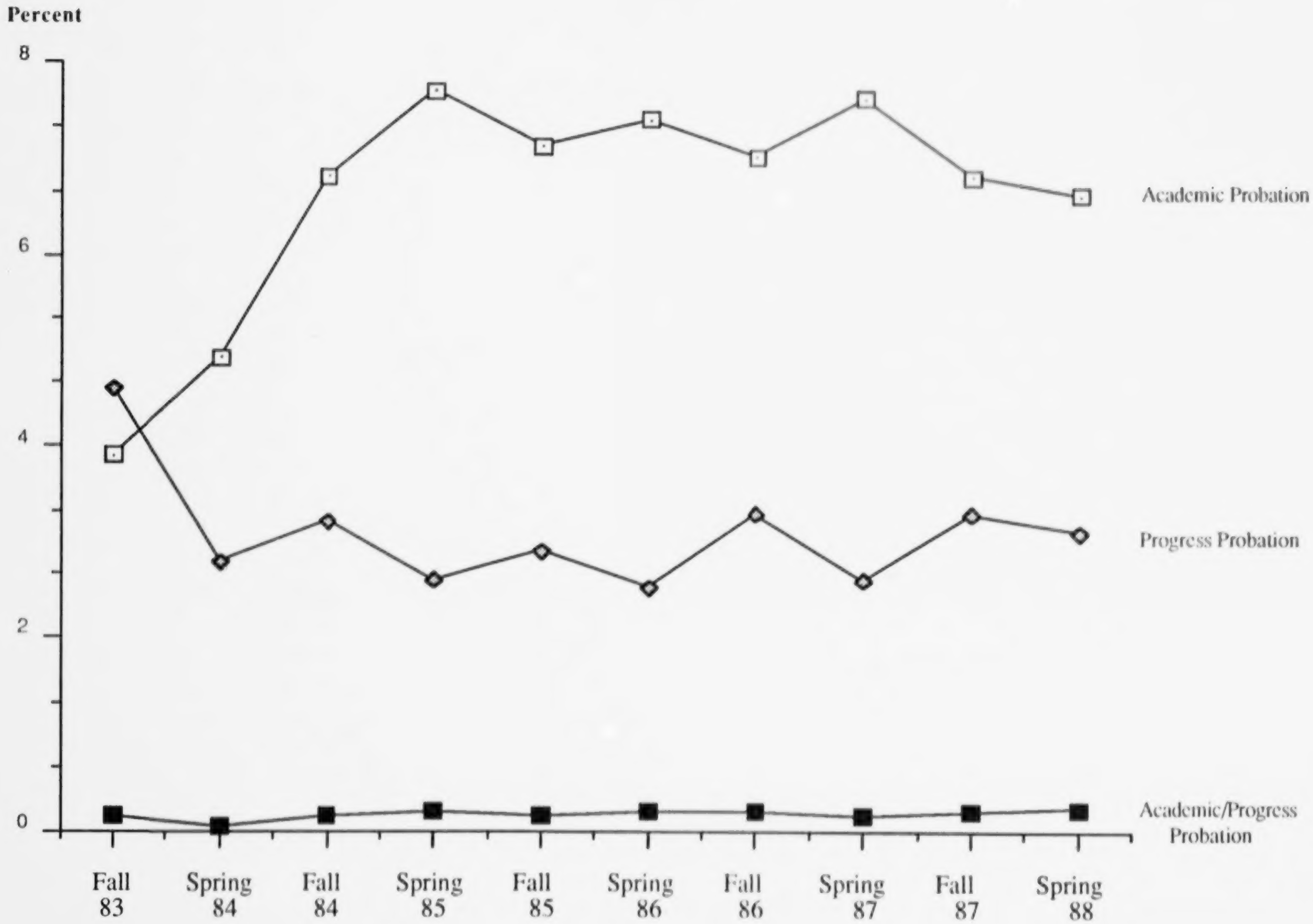
TRENDS IN NUMBERS AND PERCENTAGES OF PROBATIONARY AND DISMISSAL STUDENTS, FALL 1983 TO SPRING 1988

	STUDENTS ON ACADEMIC PROBATION		STUDENTS ON PROGRESS PROBATION		STUDENTS ON ACADEMIC & PROGRESS PROBATION		ACADEMIC DISMISSAL*		PROGRESS DISMISSAL**		ACADEMIC & PROGRESS DISMISSAL	
	#	%	#	%	#	%	#	%	#	%	#	%
Fall 1983 (N = 19,625)	764	3.9	899	4.6	28	0.140	0	0	0	0	0	0
Spring1984 (N = 20,494)	1,004	4.9	578	2.8	10	0.050	1,072	5.2	381	1.9	69	0.34
Fall 1984 (N = 18,485)	1,259	6.8	585	3.2	27	0.150	0	0	0	0	0	0
Spring 1985 (N = 17,161)	1,320	7.7	446	2.6	35	0.200	703	4.1	162	0.9	30	0.17
Fall 1985 (N = 17,569)	1,253	7.1	507	2.9	24	0.137	0	0	0	0	0	0
Spring 1986 (N = 17,232)	1,280	7.4	439	2.5	34	0.197	787	4.6	169	1.0	31	0.18
Fall 1986 (N = 18,300)	1,277	7.0	595	3.3	34	0.186	0	0	0	0	0	0
Spring 1987 (N = 17,796)	1,358	7.6	470	2.6	29	0.163	802	4.5	180	1.0	25	0.14
Fall 1987 (N = 18,060)	1,233	6.8	588	3.3	38	0.210	0	0	0	0	0	0
Spring 1988 (N = 18,062)	1,199	6.6	557	3.1	41	0.227	824	4.6	193	1.1	25	0.14

*Includes students on both Progress Probation & Academic Dismissal.
**Includes students on both Academic Probation & Progress Dismissal.

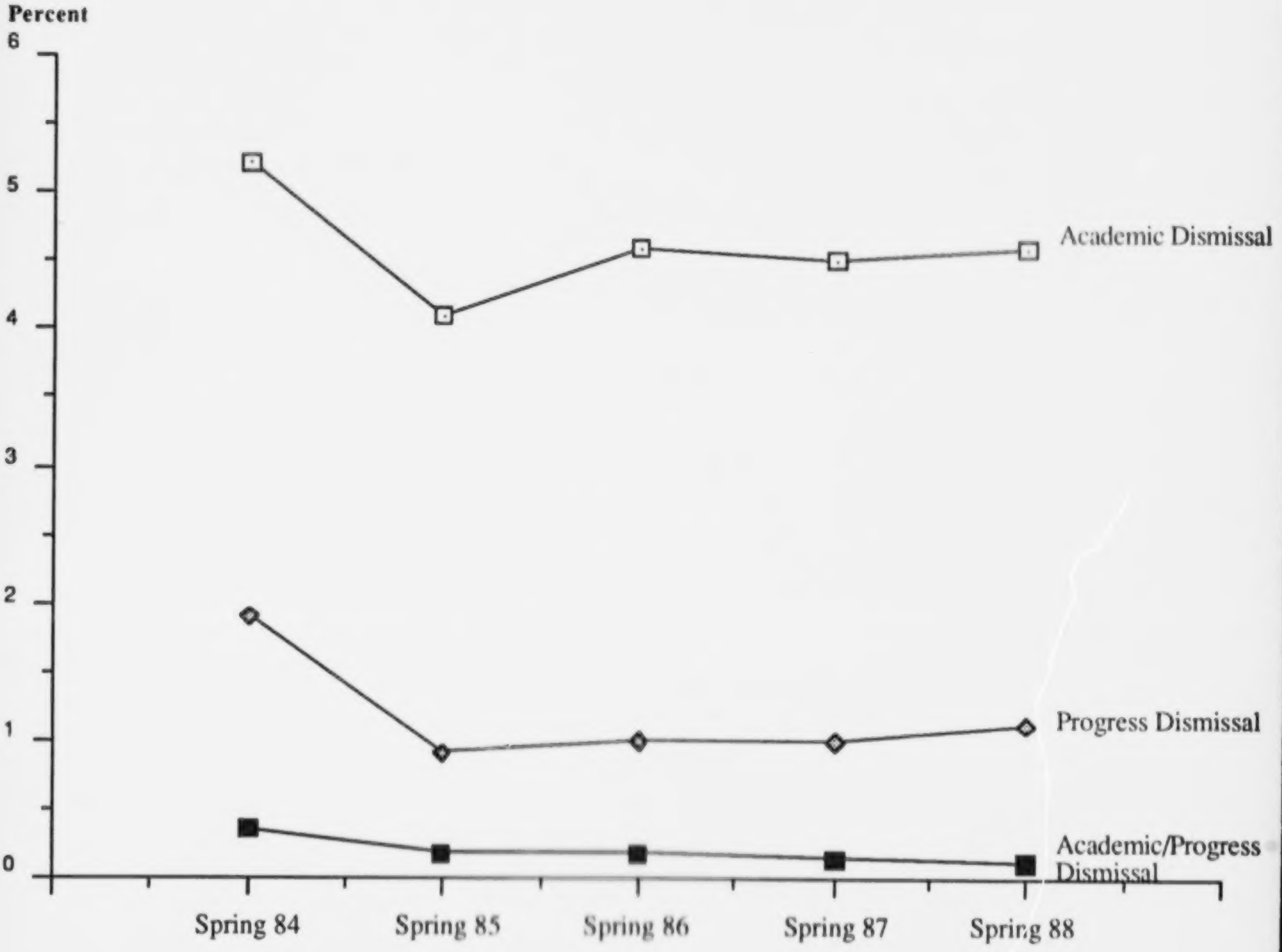
Source: Cerritos College Computer Services, Report GH204R.

TRENDS IN % OF PROBATIONARY STUDENTS
FALL 1983 TO SPRING 1988



Source: Computer Services, Program GH204R.

TRENDS IN % OF DISMISSAL STUDENTS SPRING SEMESTERS, 1984 TO 1988



Source: Computer Services, Program GH204R.

PLACEMENT LEVELS OF STUDENTS TESTED
AUGUST 1987 — JULY 1988

TEST	SCORE	PLACEMENT LEVEL	PERCENTAGE
NELSON - DENNY			
N = 6,964	0 - 16	READING 53	33.5
$\bar{X}$ = 19.52	17 - 20	READING 54	19.6
St. Dev. = 6.78	21 - 36	READING CLEARANCE	46.9
CEPT			
N = 6,833	0 - 30	ADULT ED. OR ESL	14.0
$\bar{X}$ = 48.06	31 - 45	ENGLISH 50.1 OR B.COMM 46	30.0
St. Dev. = 16.24	46 - 60	ENGLISH 50.2	32.6
	61 - 106	ENGLISH CLEARANCE (ENG. 1)	23.3
ARITHMETIC			
N = 6,802	0 - 20	MATH 50	25.7
$\bar{X}$ = 25.20	21 - 27	MATH 40	28.7
St. Dev. = 6.69	28 - 35	MATH CLEARANCE	45.6

Source: Institutional Research & Development Office; data supplied by Cerritos College Computer Services.

NUMBER OF DEGREES AND CERTIFICATES AWARDED TO NEW STUDENTS WITHIN A THREE, FOUR, AND FIVE YEAR PERIOD

EDUCATIONAL GOAL	TERM & YEAR	# OF NEW STUDENTS	% DEGREES			% CERTIFICATES		
			OVER 3 YRS	OVER 4 YRS	OVER 5 YRS	OVER 3 YRS	OVER 4YRS	OVER 5 YRS
Transfer to 4-YR	Fall 1982	1,552	3.8	6.1	8.1	1.4	1.8	1.9
	Fall 1983	1,266	3.9	6.3	9.1	1.4	1.7	2.0
	Fall 1984	1,248	4.5	6.8		.8	1.2	
	Fall 1985	1,202	5.1			.6		
A.A. Transfer	Fall 1982	358	4.5	6.7	7.8	1.1	1.7	1.7
	Fall 1983	249	3.6	5.2	7.2	2.0	2.0	3.2
	Fall 1984	248	4.0	7.3		1.2	1.2	
	Fall 1985	250	5.2			1.6		
A.A. Degree	Fall 1982	906	3.8	6.2	8.1	2.9	3.4	3.8
	Fall 1983	661	2.7	6.1	7.4	2.6	3.2	3.6
	Fall 1984	612	2.6	3.8		2.8	3.1	
	Fall 1985	542	3.7			3.1		
Certificate	Fall 1982	499	2.0	2.8	3.0	4.8	5.6	6.0
	Fall 1983	407	1.0	3.2	3.9	4.9	5.4	6.1
	Fall 1984	362	1.4	2.5		2.5	3.0	
	Fall 1985	348	1.4			3.2		
Job Skills	Fall 1982	2,052	1.0	1.9	2.4	1.7	1.9	2.1
	Fall 1983	1,518	1.3	2.0	2.4	1.6	2.1	2.2
	Fall 1984	1,707	1.3	2.2		1.4	2.0	
	Fall 1985	1,550	1.5			1.3		
TOTAL	Fall 1982	5,367	2.6	4.2	5.4	2.0	2.5	2.7
	Fall 1983	4,101	2.5	4.3	5.6	2.1	2.5	2.8
	Fall 1984	4,177	2.6	4.1		1.5	2.0	
	Fall 1985	3,892	3.2			1.5		

Source: Program IR035-R based on closing Cerritos College enrollment figures.

SUMMARY: A.A. DEGREES & CERTIFICATES, 1982-83 TO 1987-88

A.A. Degrees	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
College Total	1,088	1,044	945	930	893	750
Business Division	419	358	325	291	300	214
Fine Arts Division	62	24	37	28	30	21
Health Occupations	183	186	158	171	141	168
H.P.E.R./Athletics	20	14	10	10	8	15
Liberal Arts Division	212	235	236	270	274	238
S.E.M. Division	95	101	73	57	53	31
Technology Division	97	126	106	103	87	63

Certificates	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
College Total	481	498	464	382	357	249
Business Division	198	180	185	175	193	111
Fine Arts Division	--	--	--	--	--	--
Health Occupations	99	101	60	46	45	48
H.P.E.R./Athletics	--	1	--	1	--	1
Liberal Arts Division	2	4	8	7	4	3
S.E.M. Division	3	5	12	1	2	9
Technology Division	179	203	199	152	113	77

*Figures in the 1987-88 column do not include Summer 1988.
Source: Cerritos College Computer Services, Program IR037R.

— None Awarded.

A.A. DEGREES: BUSINESS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Accounting	24	26	28	18	18	10
Accounting - Auditing	--	--	--	2	1	–
Accounting Clerk	5	10	10	6	3	6
Administrative Secretary	5	2	1	--	--	1
Business - General	61	52	30	38	55	38
Business Admin. - Transfer	92	80	99	78	84	46
Court Reporting	17	6	7	14	10	5
Data Processing - Operator	24	19	18	23	22	10
Data Processing - Programmer	42	39	32	25	29	24
Data Processing - Systems Analyst	47	43	40	28	27	13
Legal Assisting	6	9	11	8	8	13
Legal Secretary	16	6	4	2	1	–
Management	32	28	20	16	12	19
Management - Materials Support	1	4	2	1	--	–
Management - Personnel	5	3	2	2	1	2
Management - Supermarket	1	--	--	--	1	–
Marketing	11	8	7	11	8	10
Marketing - Advertising	1	--	1	--	--	–
Marketing - Logistics	--	--	--	1	2	2
Marketing - Merchandising	2	1	1	--	--	–
Marketing - Sales	5	1	--	--	--	–
Medical Secretary	2	1	--	--	--	–
Office Services	4	4	3	1	1	1
Personal & Family Financial Planning	--	--	1	--	1	–
Real Estate	4	2	--	3	4	8
Secretary	8	4	4	4	6	3
Self-Employment	3	3	1	1	1	1
Travel Agency	--	1	--	--	--	–
Word Processing	1	6	3	9	5	2
TOTAL....	419	358	325	291	300	214

*Figures in the 1987-88 column do not include Summer 1988.
Source: Cerritos College Computer Services, Program IR037R.

CERTIFICATES: BUSINESS DIVISION

Certificates:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
=======	=======	=======	=======	=======	=======	=======
Accounting	16	19	15	13	12	15
Accounting - Auditing	--	--	--	3	2	--
Accounting Clerk	9	12	11	6	10	4
Administrative Secretary	1	1	1	--	--	--
Business - General	1	--	--	--	--	2
Court Reporting	--	--	--	1	--	--
Data Processing - Operator	25	27	35	30	25	12
Data Processing - Programmer	41	27	37	36	34	24
Data Processing - Systems Analyst	29	34	34	21	37	10
Escrow	2	--	--	--	--	--
Legal Assisting	11	10	7	14	18	7
Legal Secretary	7	1	1	--	1	--
Management	20	10	13	16	10	7
Management - Banking	--	--	--	--	1	--
Management - Health Care Facility	--	1	--	--	--	--
Management - Materials Support	3	6	2	1	--	--
Management - Personnel	3	3	1	--	4	--
Management - Supermarket	1	--	--	--	2	--
Marketing	5	6	10	7	7	6
Marketing - Logistics	--	--	--	2	3	5
Marketing - Merchandising	--	--	--	2	--	--
Marketing - Sales	4	--	1	--	--	--
Office Services	5	7	2	5	3	1
Personal & Family Financial Planning	--	2	2	--	--	--
Real Estate	--	1	3	2	12	8
Secretary	8	2	2	4	--	1
Self-Employment	4	5	1	2	2	1
Travel Agency	--	--	1	--	--	--
Word Processing	3	6	6	10	10	8
TOTAL	198	180	185	175	193	111

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES: FINE ARTS AND COMMUNICATIONS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Art	6	6	3	7	6	4
Art - Transfer	8	1	9	1	2	--
Fine Arts & Communication - General	8	4	7	5	2	4
Humanities - General	20	7	5	3	7	2
Journalism	1	1	--	1	1	4
Journalism - Transfer	5	1	4	4	3	1
Music	1	--	1	1	1	--
Music - Transfer	2	1	2	1	1	3
Photography	1	1	3	2	4	1
Photography - Transfer	3	1	1	--	1	--
Theatre	3	1	2	1	1	1
Theatre - Transfer	4	--	--	2	1	1
TOTAL	62	24	37	28	30	21

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES: HEALTH OCCUPATIONS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Airline Passenger Service	2	2	--	--	--	--
Associate Degree Nurse	82	83	61	84	71	96
Dental Assisting	7	9	11	3	6	2
Dental Hygiene	21	23	23	23	19	21
Dental Hygiene - Transfer	1	--	--	--	--	--
Early Childhood Education	10	17	16	11	8	7
Fashion Careers	4	4	5	4	1	--
Food Services - Chef Training	--	--	1	--	2	1
Food Services - Professional Baking	--	--	--	--	1	--
Home Economics	--	--	--	--	--	1
Home Economics - Transfer	1	--	--	--	1	--
Instructional Aide	--	1	--	--	--	--
Medical Assistant	8	9	8	9	3	6
Nursing - Transfer	2	--	--	3	1	1
Nursing - Vocational	10	8	4	3	1	--
Pharmacy Technician	2	3	--	1	1	5
Physical Therapy - Transfer	2	--	--	--	--	1
Physical Therapy Assistant	21	22	25	26	24	26
Prosthetics & Orthotics	6	--	1	--	--	--
Related Health - General	1	--	1	--	1	--
Special Education Assistant	3	5	2	4	1	1
TOTAL	183	186	158	171	141	168

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

CERTIFICATES: HEALTH OCCUPATIONS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Airline Passenger Service	1	--	--	--	--	--
Associate Degree Nurse	--	1	--	--	--	--
Dental Assisting	22	10	18	8	7	2
Early Childhood Education	7	12	9	7	9	10
Fashion Careers	--	4	1	3	2	1
Food Services - Chef Training	5	3	8	9	6	7
Food Services - Professional Baking	--	3	2	2	1	7
Medical Assistant	26	30	17	13	11	9
Nursing - Vocational	19	24	--	--	--	--
Pharmacy Technician	12	6	3	--	5	10
Prosthetics & Orthotics	4	--	--	--	--	--
Psychiatric Technician	--	1	--	--	--	--
Special Education Assistant	3	7	2	4	4	2
TOTAL	99	101	60	46	45	48

*Figures in the 1987-88 column do not include Summer 1988.
Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES & CERTIFICATES: HPER/ATHLETICS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Dance	--	--	--	--	3	3
H.P.E.R. - General	3	1	2	--	--	1
Physical Education - Men	11	9	3	7	4	8
Physical Education - Women	4	3	3	3	1	2
Recreation - Transfer	2	1	1	--	--	1
Recreation Specialist - Men	--	--	1	--	--	--
TOTAL	20	14	10	10	8	15

Certificates:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Physical Education -- Men	--	--	--	1	--	--
Recreation Specialist - Men	--	1	--	--	--	1
TOTAL	--	1	--	1	--	1

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES & CERTIFICATES: LIBERAL ARTS DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
=======	=======	=======	=======	=======	=======	=======
Administration of Justice	20	18	14	20	12	11
Administration of Justice - Transfer	9	21	22	9	17	9
Bilingual/Bicultural Instructor Aide	1	2	--	1	--	--
Bilingual Education	4	4	6	1	2	2
Chicano Studies	--	1	--	--	--	--
Economics	2	3	4	2	5	2
English	7	5	1	4	4	9
Foreign Language - General	1	--	--	--	--	--
French	1	1	--	--	--	--
General Studies	84	107	128	172	181	156
German	--	1	3	3	1	--
History	7	3	4	6	6	4
Philosophy	5	8	6	5	6	3
Political Science	6	3	6	2	2	1
Psychology	18	22	13	13	13	9
Social Science - General	22	19	16	16	7	7
Social Welfare	1	--	--	--	1	1
Sociology	5	6	5	5	4	5
Spanish	12	5	4	2	4	6
Speech	7	6	4	9	9	13
TOTAL	212	235	236	270	274	238

Certificates:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
=========	=======	=======	=======	=======	=======	=======
Administration of Justice	2	3	6	7	4	3
Administration of Justice - Transfer	--	--	1	--	--	--
Bilingual/Bicultural Instructor Aide	--	1	--	--	--	--
General Studies	--	--	1	--	--	--
TOTAL	2	4	8	7	4	3

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES AND CERTIFICATES: S.E.M. DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Anthropology	--	1	--	1	1	2
Biology	2	2	2	--	--	--
Botany	1	--	--	--	--	--
Chemistry	1	--	--	1	--	--
Computer Science	5	11	7	9	1	5
Engineering	13	17	11	9	7	5
Forestry	1	--	1	--	--	--
Geography	--	--	--	--	1	1
Mathematics	6	7	5	3	6	2
MicroBiology	1	--	--	--	1	--
Natural Science - General	57	52	39	30	27	14
Ornamental Horticulture	4	5	5	1	6	1
Physics	--	3	--	2	1	--
Pre-Chiropractic	1	2	3	1	2	--
Pre-Medical	--	1	--	--	--	--
Pre-Pharmacy	--	--	--	--	--	1
Pre-Veterinarian	1	--	--	--	--	--
Wildlife Management	1	--	--	--	--	--
Zoology	1	--	--	--	--	--
TOTAL	95	101	73	57	53	31

Certificates:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Landscape Design & Maintenance	--	--	1	--	--	1
Landscape Management	--	1	1	--	--	3
Ornamental Horticulture	2	4	10	1	2	5
Pre-Pharmacy	1	--	--	--	--	--
TOTAL	3	5	12	1	2	9

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

A.A. DEGREES: TECHNOLOGY DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
=======	=======	=======	=======	=======	=======	=======
Aeronautics - Transfer	1	–	–	--	--	--
Arc Welding	–	–	–	--	2	--
Architecture Technology	2	4	1	--	2	1
Architecture - Transfer	2	1	2	1	1	--
Auto Collision Repair	3	4	1	3	2	2
Auto Mechanics Repair Technology	3	27	11	27	17	--
Auto Technology - Tune-Up	–	–	–	1	--	1
Chrome Plating & Metal Finish	1	–	1	--	--	--
Construction - General & Carpentry	1	–	1	--	--	--
Construction Technology	3	1	–	--	--	--
Cosmetology	6	3	3	2	1	6
Drafting & Design Technology	10	12	14	8	7	3
Electric Power Distribution	–	1	–	--	--	--
Electronic BioMedical Instrumentation	6	6	6	3	6	2
Electronic Communications Technology	–	–	–	--	--	2
Electronic Computer Servicing Technology	–	–	–	--	2	2
Electronics Technology	15	23	15	21	15	14
Food Processing Technology	1	--	1	--	--	--
Furniture Manufacturing Technology	1	1	1	--	--	--
Industrial Technology - Construction	–	–	–	--	1	1
Industrial Technology - Electronics	5	3	1	2	1	--
Industrial Technology - Manufacturing	1	1	–	1	1	1
Machine Moldmaking for Plastics	1	–	–	--	--	--
Machine Tool Technology	3	1	3	3	--	3
Manufacturing Technology	1	7	5	3	--	--
Metallurgy & Materials Science	5	5	2	6	2	--
Numerical Control	2	3	2	4	4	4
Plastics Manufacturing Technology	–	1	1	--	1	--
Supervision - Industrial	9	10	10	3	9	6
Supervision - Manufacturing	–	--	--	--	--	3
Technology - General	15	11	24	13	12	9
Welding	–	1	1	2	1	2
Welding - Pipe	–	--	–	--	--	1
TOTAL	97	126	106	103	87	63

*Figures in the 1987-88 column do not include Summer 1988.
Souce: Cerritos College Computer Services, Program IR037R.

CERTIFICATES: TECHNOLOGY DIVISION

Degrees:	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Arc Welding	--	--	--	--	2	2
Auto Collision Repair	11	5	8	4	7	3
Auto Mechanics Repair Technology	--	--	1	--	--	--
Auto Technology - Air Conditioning	4	1	--	--	1	1
Auto Technology - Machine Shop	--	--	--	1	--	--
Auto Technology - Power Train	8	10	15	4	3	1
Auto Technology - Tune-Up	8	6	2	2	3	--
Chrome Plating & Metal Finish	2	1	1	--	--	--
Construction - Concrete	1	1	--	--	--	--
Construction - General & Carpentry	7	--	1	--	--	--
Construction Technology	1	--	--	--	--	--
Cosmetology	39	67	62	50	41	33
Drafting & Design Technology	2	1	--	--	--	--
Electric Power Distribution	1	--	--	--	--	--
Electronic BioMedical Instrumentation	6	8	7	4	6	1
Electronic Communications Technology	--	--	--	1	1	1
Electronic Computer Servicing Technology	--	--	--	1	6	4
Electronic Television Servicing Technology	1	1	--	1	1	--
Electro-Mechanical Design	13	15	12	11	8	4
Electronics Technology	26	42	31	34	13	6
Engine Repair	1	--	--	--	1	--
Furniture Manufacturing Technology	1	1	2	--	1	2
Machine Moldmaking for Plastics	1	--	--	--	--	--
Machine Tool Technology	2	3	6	2	1	1
Manufacturing Technology	1	2	1	2	--	--
Marine Outboard & Stern Drive	--	1	--	--	--	--
Mechanical Drafting Technology	15	13	16	10	4	4
Metallurgy & Materials Science	2	1	3	2	2	--
Numerical Control	1	8	4	4	3	4
Plastics Manufacturing Technology	--	--	--	--	--	1
Small Engine Repair	2	--	--	--	--	--
Structural Steel Layout & Fitting	--	1	--	1	--	--
Supervision - Industrial	6	6	7	4	4	5

CERTIFICATES: TECHNOLOGY DIVISION (continued)

Certificates (continued)	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
Supervision - Manufacturing	--	--	--	--	1	--
Tool Design	14	11	15	11	4	3
Welding	2	--	5	3	--	--
Welding - Inert Gas	--	--	--	--	--	1
TOTAL	178	205	199	152	113	77

*Figures in the 1987-88 column do not include Summer 1988.

Source: Cerritos College Computer Services, Program IR037R.

ETHNIC DISTRIBUTION OF DEGREES & CERTIFICATES AWARDED
1982 - 83 TO 1987 - 88

Degrees:

Ethnicity:	1982-83 (N=1,082)	1983-84 (N=1,050)	1984-85 (N=950)	1985-86 (N=952)	1986-87 (N=893)	1987-88* (N=751)
American Indian	1.1%	1.8%	0.8%	1.4%	2.1%	1.3%
Caucasian	49.7	50.5	49.4	47.4	47.9	46.6
Hispanic	15.9	15.9	15.7	16.1	17.8	18.0
Black	3.0	2.6	3.1	5.0	3.8	4.1
Asian, Pac. Islander	6.7	6.0	7.7	5.6	6.5	6.7
Filipino	2.7	2.9	3.2	3.0	2.8	2.9
Other	2.0	2.5	2.7	2.4	1.6	1.7
Undeclared/No Response	18.9	17.9	17.5	19.1	17.5	18.6

Certificates:	1982-83 (N=479)	1983-84 (N=499)	1984-85 (N=466)	1985-86 (N=386)	1986-87 (N=357)	1987-88* (N=250)
American Indian	0.6%	1.8%	0.9%	2.3%	1.1%	3.2%
Caucasian	49.1	37.9	40.6	45.3	43.4	41.6
Hispanic	13.4	15.2	18.7	16.3	18.2	12.0
Black	2.5	3.0	3.6	4.7	1.4	4.0
Asian, Pac. Islander	10.9	13.6	10.5	9.8	10.9	10.0
Filipino	4.6	3.6	1.9	3.4	4.8	4.0
Other	2.5	3.4	3.9	2.8	1.7	3.6
Undeclared/No Response	16.5	21.4	20.0	15.3	18.5	21.6

*Figures in the 1987-88 column do not include Summer 1988.
Source: Cerritos College Computer Services, Program IR036R. This report represents the most accurate data as of 8.25.88. (The data file from which this information comes is 'dynamic' and is constantly being updated.

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY

SUMMARY OF ALL OCCUPATIONAL PROGRAMS TOTAL=7101

AGE:	Number	Percent
Under 21	592	8.3%
21 - 25	2373	33.4%
26 - 30	1305	18.3%
31 - 35	882	12.4%
36 - 40	675	9.5%
41 - 45	497	7.0%
46 - 50	338	4.7%
51 - 55	194	2.7%
Over 55	244	3.4%
TOTAL	**7100**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	83	1.1%
Asian	609	8.6%
Black	348	4.9%
Filipino	323	4.6%
Hispanic	1833	26.1%
Caucasian	3564	50.8%
Other Pacific	44	0.6%
Other	204	2.9%
TOTAL	**7008**	**100.0%**

GENDER:	Number	Percent
Male	3245	45.9%
Female	3811	54.0%
TOTAL	**7056**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	3133	44.1%
Certificate	2114	29.7%
Unstated	1854	26.1%
TOTAL	**7101**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	2674	37.6%
Preparing for job advancement	1358	19.1%
Improving skills for the same job	769	10.8%
Maintaining a license	341	4.8%
Learning a non-job skill	345	4.8%
Preparing to transfer to another college	1214	17.1%
Purpose not listed (Includes no response)	400	5.6%
TOTAL	**7101**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	2970	54.8%
Classes are not related to current employment	2443	45.1%
TOTAL	**5413**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

SUMMARY OF ALL OCCUPATIONAL PROGRAMS (continued)

TOTAL=7101

STUDENT'S EMPLOYMENT STATUS:	Number	Percent
Working Full-time	3768	54.3%
Working Part-time	1710	24.6%
Not Working; Seeking Work	735	10.6%
Not Working; Not Seeking Work	716	10.3%
TOTAL	**6929**	**100.0%**

CURRENT EMPLOYMENT BEGAN:

	Number	Percent
Before College	2186	74.0%
After Starting	768	26.0%
TOTAL	**2954**	**100.0%**

FUTURE JOB PLANS:

	Number	Percent
Will Keep Job	1638	76.6%
Will Not Keep Job	499	23.3%
TOTAL	**2137**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent
Instructor	132	4.4%
Placement	76	2.5%
Other Help	148	4.9%
Unknown	2614	88.0%
TOTAL	**2970**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent
Under $4.00	102	4.2%
$4.01 - $6.00	453	19.0%
$6.01 - $8.00	502	21.1%
$8.01 - $10.00	435	18.3%
$10.01 -$12.00	342	14.3%
$12.01 - $14.00	220	9.2%
$14.01 - $16.00	133	5.6%
$16.01 - $18.00	75	3.1%
$18.01 - $20.00	42	1.7%
Over $20.00	73	3.0%
TOTAL	**2377**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

BUSINESS DIVISION

TOTAL=3470

AGE:	Number	Percent
Under 21	257	7.4%
21 - 25	1104	31.8%
26 - 30	630	18.2%
31 - 35	409	11.8%
36 - 40	360	10.4%
41 - 45	281	8.1%
46 - 50	201	5.8%
51 - 55	107	3.1%
Over 55	120	3.4%
TOTAL	**3469**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	36	1.0%
Asian	347	10.1%
Black	196	5.7%
Filipino	187	5.5%
Hispanic	879	25.7%
Caucasian	1658	48.5%
Other Pacific	20	0.6%
Other	99	2.9%
TOTAL	**3422**	**100.0%**

GENDER:	Number	Percent
Male	1269	36.9%
Female	2168	63.1%
TOTAL	**3437**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	1539	44.4%
Certificate	923	26.6%
Unstated	1008	29.0%
TOTAL	**3470**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	1219	35.1%
Preparing for job advancement	722	20.8%
Improving skills for the same job	362	10.4%
Maintaining a license	138	4.0%
Learning a non-job skill	157	4.5%
Preparing to transfer to another college	692	20.0%
Purpose not listed (Includes no response)	180	5.2%
TOTAL	**3470**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	1507	55.6%
Classes are not related to current employment	1202	44.4%
TOTAL	**2709**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

BUSINESS DIVISION (continued) TOTAL=3470

STUDENT'S EMPLOYMENT STATUS:	Number	Percent
Working Full-time	1955	57.7%
Working Part-time	789	23.3%
Not Working; Seeking Work	318	9.4%
Not Working; Not Seeking Work	325	9.6%
TOTAL	**3387**	**100.0%**

CURRENT EMPLOYMENT BEGAN:	Number	Percent
Before College	1127	75.2%
After Starting	372	24.8%
TOTAL	**1499**	**100.0%**

FUTURE JOB PLANS:	Number	Percent
Will Keep Job	804	74.9%
Will Not Keep Job	269	25.1%
TOTAL	**1073**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent		Number	Percent
Instructor	41	2.7%	Other Help	47	3.1%
Placement	49	3.3%	Unknown	1370	90.9%
			TOTAL	**1507**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent		Number	Percent
Under $4.00	33	2.8%	$12.01 - $14.00	117	9.8%
$4.01 - $6.00	178	15.0%	$14.01 - $16.00	73	6.1%
$6.01 - $8.00	236	19.9%	$16.01 - $18.00	40	3.4%
$8.01 - $10.00	247	20.8%	$18.01 - $20.00	25	2.1%
$10.01 -$12.00	192	16.2%	Over $20.00	46	3.9%
			TOTAL	**1187**	

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

HEALTH OCCUPATIONS DIVISION TOTAL=1462

AGE:	Number	Percent
Under 21	139	9.5%
21 - 25	552	37.7%
26 - 30	267	18.3%
31 - 35	158	10.8%
36 - 40	143	9.8%
41 - 45	83	5.7%
46 - 50	61	4.2%
51 - 55	30	2.0%
Over 55	29	2.0%
TOTAL	**1462**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	15	1.0%
Asian	70	4.9%
Black	74	5.1%
Filipino	56	3.9%
Hispanic	389	26.9%
Caucasian	800	55.3%
Other Pacific	4	0.3%
Other	38	2.6%
TOTAL	**1446**	**100.0%**

GENDER:	Number	Percent
Male	116	8.0%
Female	1335	92.0%
TOTAL	**1451**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	662	45.3%
Certificate	587	40.1%
Unstated	213	14.6%
TOTAL	**1462**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	723	49.4%
Preparing for job advancement	228	15.9%
Improving skills for the same job	116	7.9%
Maintaining a license	153	10.4%
Learning a non-job skill	23	1.5%
Preparing to transfer to another college	144	9.8%
Purpose not listed (Includes no response)	75	5.1%
TOTAL	**1462**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	568	56.2%
Classes are not related to current employment	443	43.8%
TOTAL	**1011**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

HEALTH OCCUPATIONS DIVISION (continued)

TOTAL=1462

STUDENT'S EMPLOYMENT STATUS:

	Number	Percent
Working Full-time	474	33.0%
Working Part-time	543	37.8%
Not Working; Seeking Work	176	12.2%
Not Working; Not Seeking Work	245	17.0%
TOTAL	**1438**	**100.0%**

CURRENT EMPLOYMENT BEGAN:

	Number	Percent
Before College	409	72.3%
After Starting	157	27.7%
TOTAL	**566**	**100.0%**

FUTURE JOB PLANS:

	Number	Percent
Will Keep Job	276	68.7%
Will Not Keep Job	126	31.3%
TOTAL	**402**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent
Instructor	36	6.3%
Placement	10	1.8%
Other Help	27	4.8%
Unknown	495	87.1%
TOTAL	**568**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent
Under $4.00	49	9.8%
$4.01 - $6.00	181	36.1%
$6.01 - $8.00	158	31.5%
$8.01 - $10.00	61	12.2%
$10.01 -$12.00	37	7.4%
$12.01 - $14.00	5	1.0%
$14.01 - $16.00	2	0.4%
$16.01 - $18.00	1	0.2%
$18.01 - $20.00	2	0.4%
Over $20.00	5	1.0%
TOTAL	**501**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

LIBERAL ARTS DIVISION

TOTAL=369

AGE:	Number	Percent
Under 21	73	19.8%
21 - 25	190	51.5%
26 - 30	59	16.0%
31 - 35	21	5.7%
36 - 40	14	3.8%
41 - 45	6	1.6%
46 - 50	3	0.8%
51 - 55	2	0.5%
Over 55	1	0.3%
TOTAL	**369**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	7	1.9%
Asian	10	2.7%
Black	21	5.7%
Filipino	8	2.2%
Hispanic	121	33.1%
Caucasian	189	51.6%
Other Pacific	4	1.1%
Other	6	1.7%
TOTAL	**366**	**100.0%**

GENDER:	Number	Percent
Male	241	65.3%
Female	128	34.7%
TOTAL	**369**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	227	61.5%
Certificate	30	8.1%
Unstated	112	30.4%
TOTAL	**369**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	172	46.7%
Preparing for job advancement	20	5.4%
Improving skills for the same job	14	3.8%
Maintaining a license	6	1.6%
Learning a non-job skill	6	1.6%
Preparing to transfer to another college	130	35.2%
Purpose not listed (Includes no response)	21	5.7%
TOTAL	**369**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	66	22.9%
Classes are not related to current employment	222	77.1%
TOTAL	**288**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

LIBERAL ARTS DIVISION (continued) TOTAL=369

STUDENT'S EMPLOYMENT STATUS:	Number	Percent
Working Full-time	164	44.8%
Working Part-time	127	34.7%
Not Working; Seeking Work	42	11.5%
Not Working; Not Seeking Work	33	9.0%
TOTAL	**366**	**100.0%**

CURRENT EMPLOYMENT BEGAN:

	Number	Percent
Before College	43	66.2%
After Starting	22	33.8%
TOTAL	**665**	**100.0%**

FUTURE JOB PLANS:

	Number	Percent
Will Keep Job	31	62.0%
Will Not Keep Job	19	38.0%
TOTAL	**50**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent
Instructor	4	6.1%
Placement	1	1.5%
Other Help	1	1.5%
Unknown	60	90.9%
TOTAL	**66**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent
Under $4.00	1	1.8%
$4.01 - $6.00	10	17.9%
$6.01 - $8.00	13	23.2%
$8.01 - $10.00	8	14.3%
$10.01 -$12.00	9	16.1%
$12.01 - $14.00	3	5.3%
$14.01 - $16.00	6	10.7%
$16.01 - $18.00	4	7.1%
$18.01 - $20.00	2	3.6%
Over $20.00	0	0.0%
TOTAL	**56**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

SCIENCE, ENGINEERING & MATHEMATICS DIVISION TOTAL=46

AGE:	Number	Percent
Under 21	1	2.1%
21 - 25	7	15.2%
26 - 30	14	30.4%
31 - 35	8	17.3%
36 - 40	6	13.0%
41 - 45	2	4.3%
46 - 50	3	6.5%
51 - 55	2	4.3%
Over 55	3	6.5%
TOTAL	**46**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	1	2.2%
Asian	3	6.6%
Black	0	0.0%
Filipino	3	6.6%
Hispanic	10	22.2%
Caucasian	27	60.0%
Other Pacific	0	0.0%
Other	1	2.2%
TOTAL	**45**	**100.0%**

GENDER:	Number	Percent
Male	37	80.4%
Female	9	19.6%
TOTAL	**46**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	22	47.8%
Certificate	16	34.8%
Unstated	8	17.4%
TOTAL	**46**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	13	28.3%
Preparing for job advancement	8	17.4%
Improving skills for the same job	7	15.2%
Maintaining a license	2	4.3%
Learning a non-job skill	6	13.0%
Preparing to transfer to another college	7	15.2%
Purpose not listed (Includes no response)	3	6.6%
TOTAL	**46**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	24	64.9%
Classes are not related to current employment	13	35.1%
TOTAL	**37**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

SCIENCE, ENGINEERING & MATHEMATICS DIVISION (continued)

TOTAL=46

STUDENT'S EMPLOYMENT STATUS:

	Number	Percent
Working Full-time	31	68.9%
Working Part-time	7	15.6%
Not Working; Seeking Work	2	4.4%
Not Working; Not Seeking Work	5	11.1%
TOTAL	**45**	**100.0%**

CURRENT EMPLOYMENT BEGAN:

	Number	Percent
Before College	19	82.6%
After Starting	4	17.4%
TOTAL	**23**	**100.0%**

FUTURE JOB PLANS:

	Number	Percent
Will Keep Job	14	82.4%
Will Not Keep Job	3	17.6%
TOTAL	**17**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent
Instructor	2	8.3%
Placement	0	0.0%
Other Help	3	12.5%
Unknown	19	79.2%
TOTAL	**24**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent
Under $4.00	0	0.0%
$4.01 - $6.00	1	5.9%
$6.01 - $8.00	3	17.6%
$8.01 - $10.00	6	35.3%
$10.01 -$12.00	3	17.6%
$12.01 - $14.00	2	11.8%
$14.01 - $16.00	1	5.9%
$16.01 - $18.00	0	0.0%
$18.01 - $20.00	1	5.9%
Over $20.00	0	0.0%
TOTAL	**17**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

TECHNOLOGY DIVISION TOTAL=1754

AGE:	Number	Percent
Under 21	122	7.0%
21 - 25	520	29.6%
26 - 30	335	19.1%
31 - 35	286	16.3%
36 - 40	152	8.7%
41 - 45	125	7.1%
46 - 50	70	4.0%
51 - 55	53	3.0%
Over 55	91	5.2%
TOTAL	**1754**	**100.0%**

ETHNIC STATUS:	Number	Percent
American Indian	24	1.4%
Asian	179	10.3%
Black	57	3.3%
Filipino	70	4.0%
Hispanic	434	25.1%
Caucasian	890	51.4%
Other Pacific	16	0.9%
Other	60	3.5%
TOTAL	**1730**	**100.0%**

GENDER:	Number	Percent
Male	1582	90.9%
Female	158	9.1%
TOTAL	**1740**	**100.0%**

EDUCATIONAL PLAN:	Number	Percent
A.A. Degree	683	38.9%
Certificate	558	31.8%
Unstated	513	29.3%
TOTAL	**1754**	**100.0%**

FIRST LISTED PURPOSE FOR ATTENDING:	Number	Percent
Preparing for a new career	547	31.2%
Preparing for job advancement	380	21.7%
Improving skills for the same job	270	15.4%
Maintaining a license	42	2.4%
Learning a non-job skill	153	8.7%
Preparing to transfer to another college	241	13.7%
Purpose not listed (Includes no response)	121	6.9%
TOTAL	**1754**	**100.0%**

RELATIONSHIP OF CLASSES TO EMPLOYMENT:	Number	Percent
Classes are related to current employment	805	58.8%
Classes are not related to current employment	563	41.2%
TOTAL	**1368**	**100.0%**

OVERVIEW OF VOCATIONAL EDUCATION: 1986-87 CLASSROOM SURVEY (continued)

TECHNOLOGY DIVISION (continued)

TOTAL=1754

STUDENT'S EMPLOYMENT STATUS:

	Number	Percent
Working Full-time	1144	67.6%
Working Part-time	244	14.4%
Not Working; Seeking Work	197	11.6%
Not Working; Not Seeking Work	108	6.4%
TOTAL	**1693**	**100.0%**

CURRENT EMPLOYMENT BEGAN:

	Number	Percent
Before College	588	73.4%
After Starting	213	26.6%
TOTAL	**801**	**100.0%**

FUTURE JOB PLANS:

	Number	Percent
Will Keep Job	513	86.2%
Will Not Keep Job	82	13.8%
TOTAL	**595**	**100.0%**

COLLEGE HELP IN FINDING A JOB:

	Number	Percent
Instructor	49	6.1%
Placement	16	2.0%
Other Help	70	8.7%
Unknown	670	83.2%
TOTAL	**805**	**100.0%**

WAGE OR ESTIMATED HOURLY RATE:

	Number	Percent
Under $4.00	19	3.1%
$4.01 - $6.00	83	13.4%
$6.01 - $8.00	92	14.9%
$8.01 - $10.00	113	18.3%
$10.01 -$12.00	101	16.4%
$12.01 - $14.00	94	15.2%
$14.01 - $16.00	51	8.3%
$16.01 - $18.00	30	4.9%
$18.01 - $20.00	12	1.9%
Over $20.00	22	3.6%
TOTAL	**617**	**100.0%**

Source: Institutional Research & Development, Vocational Education Programs Classroom Survey, 1986-87.

OVERVIEW OF CERRITOS COLLEGE TRANSFER STUDENTS: FALL 1987 UNDERGRADUATE TRANSFERS TO NON-PRIVATE INSTITUTIONS ENROLLMENT BY GENDER AND ETHNICITY

TRANSFERRED TO:		Non-Res. Alien	Amer. Indian	Asian	Black	Filip.	Hisp.	White	Other	No Resp.	TOTAL
UNIVERSITY OF CALIFORNIA SYSTEM											
MALE:	Number	1	0	4	2	3	5	8	0	0	23
FEMALE:	Number	0	0	4	2	0	1	11	0	0	18
TOTAL UC TRANSFERS:	Number	1	0	8	4	3	6	19	0	0	41
CALIFORNIA STATE UNIVERSITY SYSTEM											
MALE:	Number	4	2	41	8	15	45	98	8	10	231
FEMALE:	Number	4	1	19	5	9	58	114	3	5	218
TOTAL CSU TRANSFERS:	Number	8	3	60	13	24	103	212	11	15	449
CALIFORNIA COMMUNITY COLLEGE SYSTEM											
MALE:	Number	0	7	26	23	9	83	213	12	4	377
FEMALE:	Number	2	4	29	43	12	110	311	11	13	535
TOTAL CCC TRANSFERS:	Number	2	11	55	66	21	193	524	23	17	912
TOTAL NUMBER OF TRANSFERS:		11	14	123	83	48	302	755	34	32	1402

Source: California Postsecondary Education Commission (CPEC), "Enrollment File System: Transfer Undergraduates by School Last Attended Report by Campus, Enrollment by Sex and Ethnicity, Fall 1987."

CERRITOS COLLEGE TRANSFER STUDENTS: TRANSFER CENTER PILOT PROGRAM COMPARISONS

Cerritos College is part of the Transfer Center Pilot Program. Among the 20 California Community Colleges selected to have a funded Transfer Center located on campus, the following comparisons regarding Fall 1987 transfers can be made:

	TRANSFER TO:		
COLLEGE CAMPUS:	UC	CSU	INDEPENDENT INSTITUTIONS
CERRITOS	41	449	105
AMERICAN RIVER	164	718	59
BAKERSFIELD	27	351	22
CITRUS	21	220	61
CITY COLLEGE OF SAN FRANCISCO	160	688	84
COLLEGE OF THE REDWOODS	8	236	16
COMPTON	4	93	18
CONSUMNES RIVER	28	143	76
EAST LOS ANGELES	42	329	47
FRESNO CITY	33	721	82
IMPERIAL VALLEY	15	93	18
LANEY	68	140	28
LOS ANGELES CITY	53	315	47
MT. SAN ANTONIO	61	550	76
PALOMAR	99	412	435
SACRAMENTO CITY	116	477	162
SAN BERNARDINO VALLEY	25	294	53
SANTA BARBARA CITY	309	214	49
SANTA MONICA	302	504	183
SOUTHWESTERN	41	293	433
TOTAL, PILOT COLLEGES:	**1,617**	**7,240**	**2,054**
TOTAL, ALL COMMUNITY COLLEGES (including Pilot Colleges):	**5,465**	**28,252**	**8,202**

Source: California Postsecondary Education Commission (CPEC), "Update of College Transfer Student Statistics, Fall 1987."

CERRITOS COLLEGE CSU TRANSFER STUDENTS: 1987-88 ENROLLMENT AND RETENTION BY ETHNICITY

	CERRITOS COLLEGE*			ALL COMMUNITY COLLEGES		
Ethnicity	# Enrolled Fall 87	# Enrolled Spring 88	% Retention	# Enrolled Fall 87	# Enrolled Spring 88	% Retention
AMERICAN INDIAN	3	3	100.0%	331	284	85.8%
ASIAN	64	50	78.1%	2,879	2,522	87.6%
BLACK, NON-HISPANIC	13	10	76.9%	1,448	1,165	80.5%
FILIPINO	24	21	87.5%	570	493	86.5%
MEXICAN-AMERICAN	70	57	81.4%	1,994	1,680	84.3%
OTHER HISPANIC	33	27	81.8%	876	752	85.8%
PACIFIC ISLANDER	1	1	100.0%	113	96	85.0%
WHITE, NON-HISPANIC	207	164	79.2%	17,476	15,042	86.1%
UNKNOWN	24	14	58.3%	1,997	1,664	83.3%
TOTAL	**439**	**347**	**79.0%**	**27,684**	**23,698**	**85.6%**

* Students who transferred to the CSU in Fall, 1987 and continued in Spring, 1988.

Source: "CSU 1987-88 Performance Report on Transfers: CSU Transfers from Cerritos College," Table V - A & B.

FIRST-TIME TRANSFER STUDENTS
FROM CERRITOS COLLEGE TO SELECTED CSU CAMPUSES
FALL 1980 — FALL 1987

	SEMESTER							
COLLEGE	FALL 80	FALL 81	FALL 82	FALL 83	FALL 84	FALL 85	FALL 86	FALL 87
LONG BEACH	244	273	265	213	197	210	185	172
FULLERTON	138	132	162	148	132	107	124	145
LOS ANGELES	25	26	24	34	27	37	29	25
DOMINGUEZ HILLS	35	42	31	45	36	28	29	29
POMONA	21	16	35	41	48	23	18	27
ALL OTHER CSUs	33	46	38	41	41	29	42	51
TOTAL	**496**	**535**	**555**	**522**	**481**	**434**	**427**	**449**

	YEAR							
COLLEGE	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
LONG BEACH	380	404	370	311	297	309	332	318
FULLERTON	211	200	214	235	201	181	228	250
LOS ANGELES	52	48	49	70	53	55	54	43
DOMINGUEZ HILLS	50	56	57	67	54	45	45	47
POMONA	37	26	49	60	71	48	28	41
ALL OTHER CSUs	54	64	58	57	54	60	75	87
TOTAL	**784**	**798**	**797**	**800**	**730**	**698**	**687**	**699**

Source: CSU "Academic Performance Report," 1980 - 1988.

CERRITOS COLLEGE CSU TRANSFER STUDENTS: 1987-88 ENROLLMENTS AT CSU CAMPUSES

	UPPER DIVISION*		LOWER DIVISION** REGULAR ADMITS		LOWER DIVISION*** SPECIAL ADMITS		TOTALS	
CSU Campus:	Fall 87	Spring 88	Fall 87	Spring 88	Fall 87	Spring88	Fall 87	Spring 88
LONG BEACH	150	131	16	12	5	4	171	147
FULLERTON	97	64	45	39	3	2	145	105
LOS ANGELES	21	19	1	1	1	0	23	20
DOMINGUEZ HILLS	22	17	3	3	1	1	26	21
POMONA	16	11	7	3	2	2	25	16
SAN BERNARDINO	10	7	1	1	0	0	11	8
ALL OTHER CSU's	33	26	4	4	1	0	38	30
TOTAL:	**349**	**275**	**77**	**63**	**13**	**9**	**439**	**347**

The above table relates to students who transferred from Cerritos College to the CSU in Fall, 1987 and re-enrolled in Spring, 1988. The data does not include transfers from Cerritos College for Winter quarter or Spring semester/quarter.

Of the 349 Upper Division Cerritos College transfer students who enrolled for the first time at a CSU campus in Fall, 1987, 79% continued through the census date for the Spring term. This re-enroll rate is lower than the re-enroll rate of transfer students from all community colleges during the same time period. Of the 77 Lower Division Cerritos College transfer students who transferred during this same time frame, 82% re-enrolled for the Spring term, compared to 85% for Lower Division transfer students from all community colleges.

*Students entering the CSU with 56 or more transferable semester units.

**Students with fewer than 56 transferable semester units who would have been eligible to enter CSU as first-time freshmen, but who chose to begin their postsecondary careers at a community college.

***Students who would not have been eligible for admission as CSU first-time freshmen and have been admitted by special action (i.e., exceptions to regular CSU admission requirements).

Source: "CSU 1987-88 Performance Report on Transfers: CSU Transfers from Cerritos College," Table I, Table II-A, and Table II-B.

CERRITOS COLLEGE CSU TRANSFER STUDENTS: GRADE POINT AVERAGES

	CERRITOS STUDENTS			ALL CCC TRANSFERS		
CSU Campus	Number	Transfer*	CSU**	Number	Transfer*	CSU**
LONG BEACH						
Upper Division	86	2.84	2.62	1,440	2.83	2.66
Lower Division	7	2.89	2.64	216	2.78	2.64
Special Action	2	3.46	2.03	52	2.77	2.13
FULLERTON						
Upper Division	63	2.80	2.31	1,184	2.83	2.55
Lower Division	39	2.82	2.48	577	2.86	2.52
Special Action	2	2.35	1.78	37	2.64	2.37
LOS ANGELES						
Upper Division	19	2.41	2.68	833	2.50	2.54
Lower Division	1	2.43	3.54	56	2.47	2.60
Special Action	--	--	--	51	2.53	2.25
DOMINGUEZ HILLS						
Upper Division	17	2.67	2.62	464	2.67	2.79
Lower Division	3	3.13	3.79	57	2.70	2.69
Special Action	1	2.65	2.66	7	2.69	2.43
POMONA						
Upper Division	9	3.16	2.67	698	2.91	2.68
Lower Division	2	3.11	1.77	90	2.88	2.79
Special Action	2	2.14	2.09	27	2.15	2.08
SAN BERNARDINO						
Upper Division	7	2.70	2.79	608	2.81	2.77
Lower Division	1	2.73	1.83	96	2.83	2.81
Special Action	--	--	--	15	2.23	2.37
OTHER						
Upper Division	19	2.87	2.14	13,832	2.83	2.61
Lower Division	3	2.56	2.75	2,247	2.85	2.62
Special Action	--	--	--	519	2.56	2.23

*Transfer grade point averages are derived from credit accepted toward the CSU baccalaureate.

**CSU grade point averages reflect all work attempted by transfer students during the 1987-88 academic year.

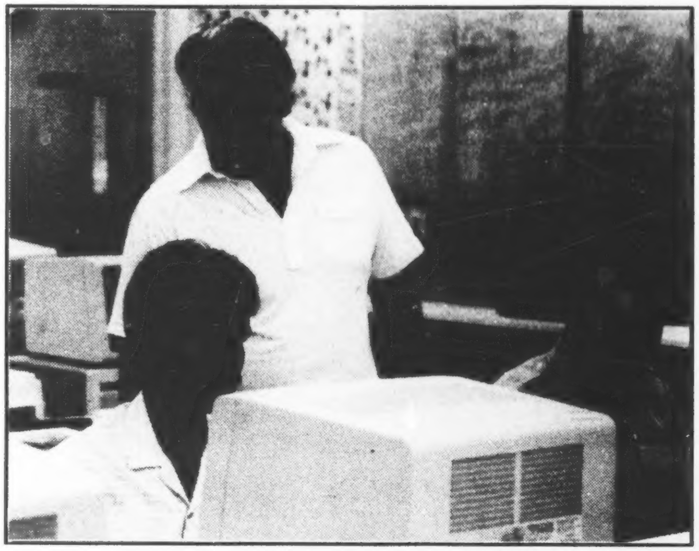
Source: "CSU 1987-88 Performance Report on Transfers: CSU Transfers from Cerritos College," Table III - A, B, C.

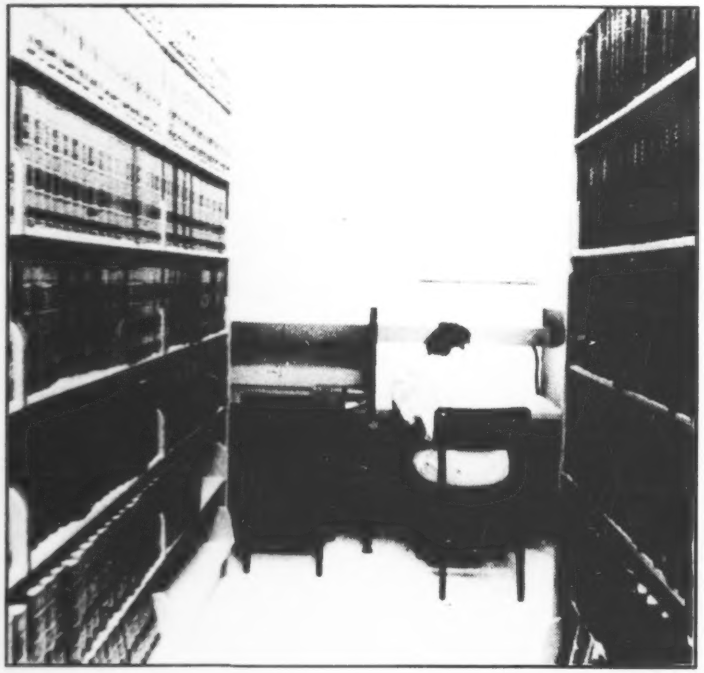
Part V

INSTRUCTIONAL PROGRAMS, STUDENT SERVICES and COMMUNITY SERVICES

OVERVIEW OF INSTRUCTIONAL PROGRAMS
BUSINESS DIVISION

The business division at Cerritos College provides opportunities for occupational education, retraining, and preparation for upper division college studies. Programs leading to Certificates of Achievement and A.A. Degrees, in four major departmental areas, reflect the current demands and needs of the community and industry;

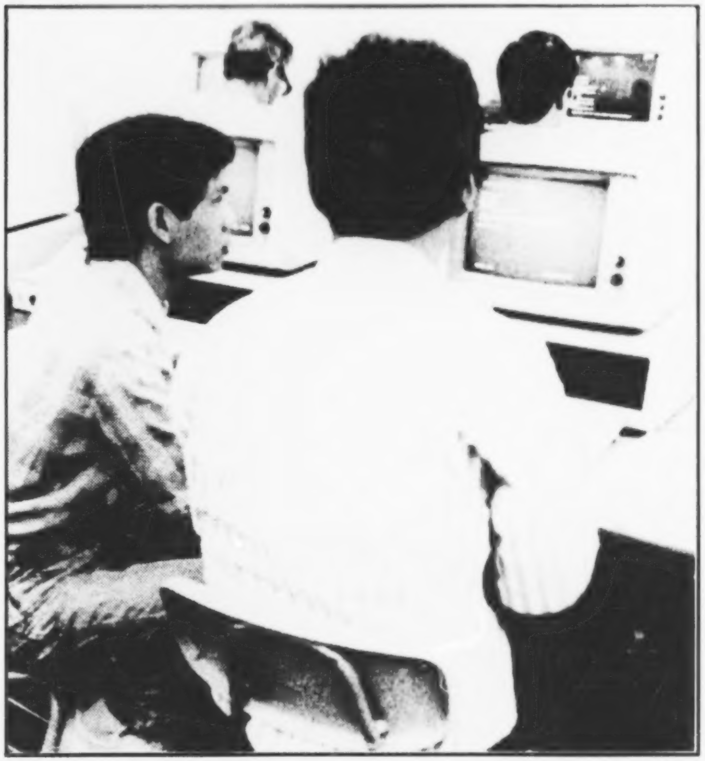




Accounting and Finance offers an intensive program leading to an A.A. degree or certificate in either Accounting, Accounting Clerk, or Auditing.

Business Administration offers programs in General Business, Management, Marketing, Merchandising, Business Administration, Logistics, Paralegal, Legal Clerk, and Real Estate.

BUSINESS DIVISION (continued)



Office Technologies offers programs that prepare students to gain employment in the fields of Word Processing, Secretarial, Office Skills, and Court Reporting.

Business Computer Information Systems prepares students to enter the work force as Computer Operators, Computer Systems Analysts, or Computer Programmers.

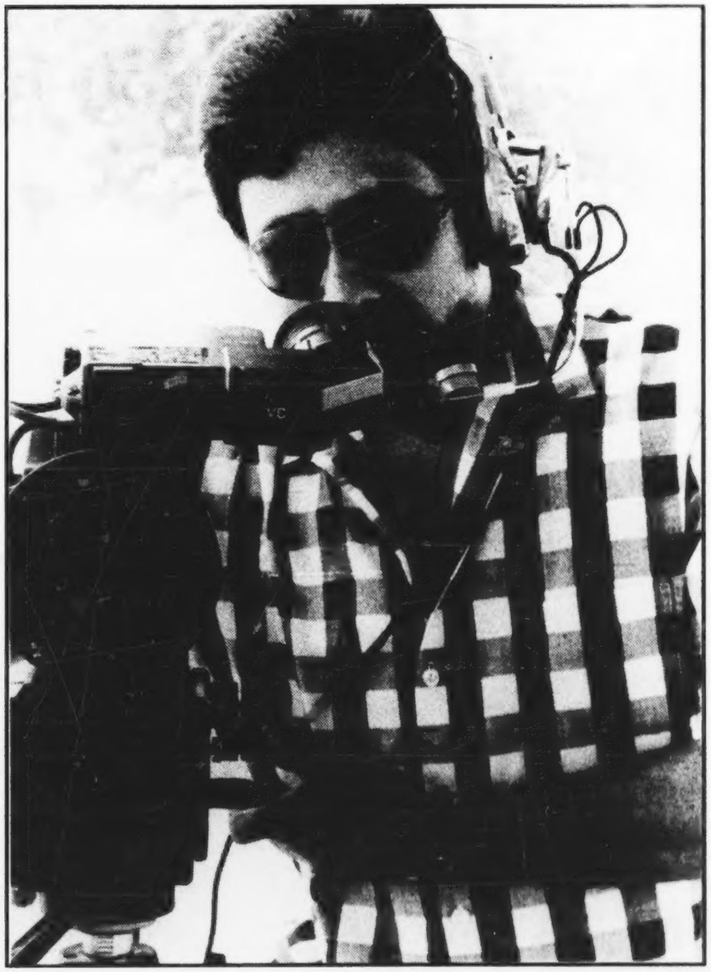
Courtesy: Dr. LeeMoile Westerlin, Interim Instructional Dean,
Business Division

FINE ARTS & COMMUNICATIONS DIVISION

During 1987-88 the division introduced a new series of courses under the overall title "Cultural Arts." These courses are an expression of the College's intention to represent, nourish, and serve the district's culturally-diverse population and to assist the various school districts in providing education in the arts for their students.

The Fine Arts & Communications Division offers instruction in the following major areas: Art, Humanities, Journalism, Music, Photography, and Theatre Arts. The Humanities courses are offered via television. The Theatre Arts Department includes communications-media, television, and motion pictures.

FINE ARTS & COMMUNICATIONS DIVISION (continued)



People of differing cultures can learn to appreciate their common humanity through the fine and performing arts, both in observation and in practice. The communication arts of journalism and media teach our students to see the literal world more clearly, make sound judgments about it, and express these judgments clearly, accurately, and fairly.

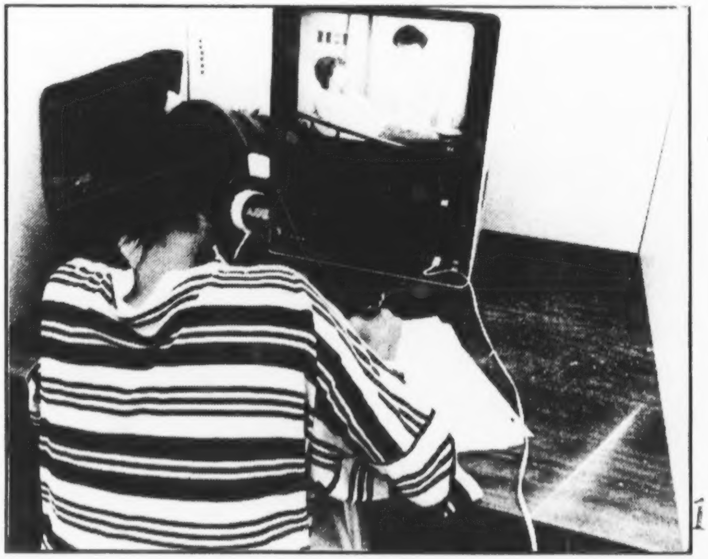
Courtesy: Charles Tilghman, Instructional Dean,
Fine Arts Division

HEALTH OCCUPATIONS DIVISION

The Health Occupations Division offers a unique variety of programs all related to instruction in services care-giving opprtunities. There are seven health careers:

- Dental Assisting
- Dental Hygiene
- Emergency Medical Technician 1-A
- Medical Assisting
- Nursing
- Pharmacy Technician
- Physical Therapist Assistant

Job opportunities in all of the areas in the Health Occupations Division are in a constant state of flux but guaranteed to grow and expand with increasing population growth.



HEALTH OCCUPATIONS DIVISION (continued)

As life expectancy lengthens, there is a growing need for improved health care delivery services.

The increasing role of advocacy for young children augments the need for improved child rearing and nurturing knowledge.

Working together with people is always a challenge!

Courtesy: Mildred Ikemoto, Instructional Dean,
Health Occupations Division

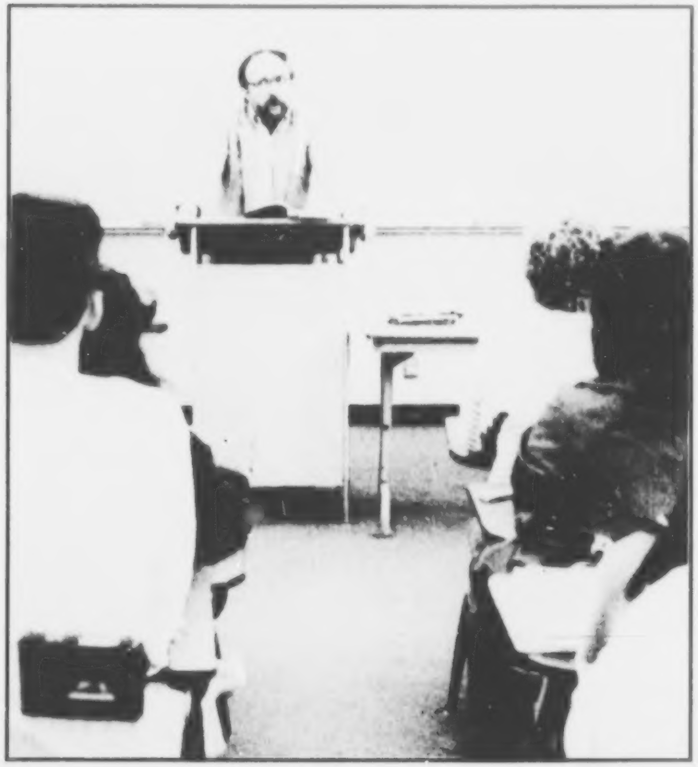
There are three teacher assistant programs:

- Early Childhood Education
- Special Education Assistant
- Instructional Aide

In addition, Home Economics, Fashion Careers with six options, and Culinary Arts with two options bring together a wide choice of instructional opportunities in the Health Occupations Division.

LIBERAL ARTS DIVISION

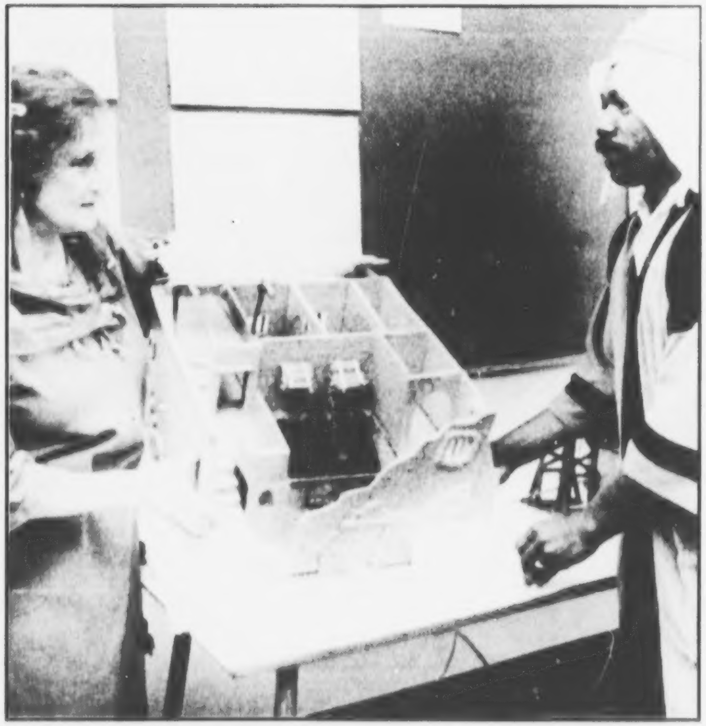
As we move into the 90's, education and business leaders recognize the importance of building bridges between the liberal and the useful arts, and the need to provide students with a solid general education that will help them in the development and integration of skills, knowledge and experience, and will prepare them for numerous changes during the course of their working lives.



The Division of Liberal Arts, under twelve different departments, offers more than 500 sections of courses in the following areas:

- Administration of Justice
- Economics, History and Political Science
- English and English as a Second Language
- Foreign Language
- Philosophy and World Religion
- Psychology and Sociology
- Reading and Study Skills
- Speech and Forensics

LIBERAL ARTS DIVISION (continued)



The curriculm is designed to increase the students' communicative competency, to develop their critical understanding, to acquaint them with their past, their present, and future opportunities, to show them the subtleties of language and the grandeur of literature, to help them understand themselves and their fellowmen, and to develop their appreciation of cultural diversity.

The Language, Reading, and Writing Centers provide support and add a practical dimension to both skill-building and transfer courses. The three centers, staffed by competent and caring personnel, feature the newest equipment and up-to-date materials, and are used for both classroom instruction and independent study.

Courtesy: Dr. Silvia Hubbell, Instructional Dean,
Liberal Arts Division

SCIENCE, ENGINEERING & MATHEMATICS DIVISION

The S.E.M. Division faculty is comprised of 30 full-time and approximately 40 part-time members. Excellent facilities and equipment are available to enhance the learning process.

There are five departments within the division:

- Biology
- Chemistry
- Earth Science
- Mathematics/Computer Science
- Physics/Engineering

The division curriculum offers students the opportunity to explore a wide variety of academic experiences including several elective courses such as Marine Biology, Natural History of Southern California, Archeology, and Energy and the Way We Live.

SCIENCE, ENGINEERING & MATHEMATICS DIVISION (continued)

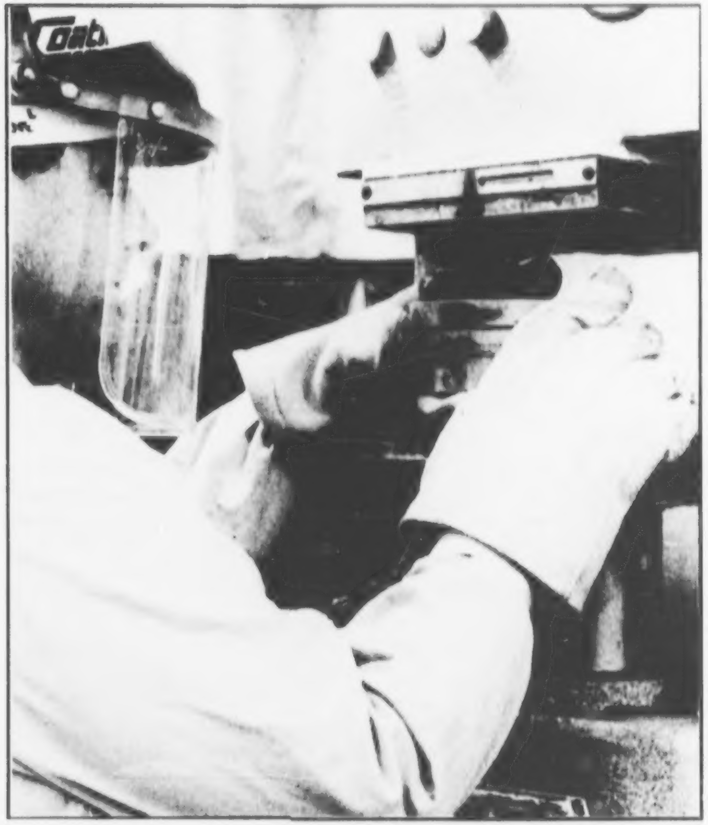
The primary function of the Division of Science, Engineering, and Mathematics is to provide service courses for a wide variety of campus-wide majors (i.e., Business Adminstration, Nursing, Dental Hygiene, Industrial Technology, Pre-Medicine, etc.). In addition, the division offers courses commonly taught as part of lower division at most universities and colleges.

Numerous alumni have gone on to distinguished careers in industry, teaching, research, medicine, and the business world. They frequently point to Cerritos College and its dedicated faculty as having been the key in making their career decisions.

Courtesy: C. Dean Paige, Instructional Dean,
Science, Engineering, & Mathematics Division

TECHNOLOGY DIVISION

The Cerritos College Technology Division offers many specialized and technical programs that lead towards employment in local industry or business. Many advanced courses are also offered in the evening and on Saturday to allow currently working students to upgrade their skills and knowledge within their specialty.



Programs consist of many courses offered within the following specialized technical areas:

- Architecture
- Automotive Collision Repair
- Electrical Power Distribution
- Electronics
- Industrial Arts
- Industrial Processes
- Manufacturing Technology
- Numerical Control
- Structural Steel
- Technical Math
- Work Experience
- Automotive
- Cosmetology
- Drafting
- Engine Repair
- Furniture
- Machine Tool
- Metallurgy
- Plastics
- Supervision
- Welding

TECHNOLOGY DIVISION (continued)

Cerritos College is committed to offering up-to-date technical courses using the latest technology available. The use of computers is being phased into current programs including computer aided drafting (CAD), computer aided manufacturing (CAM), and automated manufacturing with robotics and mini-work cells. Other "new technology" courses are being offered in plastics/composites, computer assisted automotive wheel alignment, computer assisted emission control, and automotive.

Courtesy: Randy W. Peebles, Instructional Dean, Technology Division

HEALTH, PHYSICAL EDUCATION & RECREATION/ATHLETICS DIVISION

Physical Education and activity is necessary for all students in order to maintain a healthful and well-balanced life. Cerritos College offers over sixty activity classes ranging from racquetball to special classes for the handicapped.

The facilities at Cerritos College are sought for use by many outside agencies and many local and state events are held here.

Major classes are offered in:

- Recreation
- Physical Education
- Dance

There has been an increasing demand for classes for our Senior Citizens — especially in the Fitness Academy area. A high percentage of our student/athletes successfully transfer to four year colleges and universities after their Cerritos College experience and fare very well.

HEALTH, PHYSICAL EDUCATION & RECREATION/ATHLETICS DIVISION (continued)

Physical Education classes are also available for Cerritos College staff through the Staff Development Program.

Courtesy: Richard Juliano, Instructional Dean,
Health, Physical Education & Recreation/Athletics Division

The HPER/Athletics Division has seventeen sport offerings, ten for men and seven for women. Cerritos College teams, in the powerful South Coast Conference, won 5 Championships during the 1987-88 year, bringing many honors to Cerritos College.

OVERVIEW OF STUDENT SERVICES

The following information describes some of the student service areas:

COUNSELING

Of major importance to every student enrolled in Cerritos College is the comprehensive counseling service provided to assist students in achieving educational goals. The counseling service consists of four major functions: assistance in planning academic programs; assistance in exploring career possibilities; consultation regarding personal problems; and provision of additional auxiliary services, such as personal development classes, articulation with transfer institutions, referrals to outside agencies, orientation classes, and placement testing.

Cerritos College provides comprehensive student services which are an integral part of the educational process. These services promote equal access and retention and enable students to identify and achieve their educational and career goals. Among the many student services available are:

> Admissions, orientation, assessment, counseling, academic advisement, registration, career guidance, child care, tutoring, programs for the disabled, health services, psychological services, re-entry programs, college and university transfer information, job placement services, financial aid (including EOPS), veterans services, student government, social and service clubs, cultural events, and related extra-curricular programs.

STUDENT SERVICES (continued)

ASSESSMENT CENTER

One component of the counseling services available to students is the Assessment Center. The variety of services the Center offers to assist students and community members in exploring and planning their academic and vocational development includes:

- Academic Assessment in the area of reading, writing and mathematics. Counselors use test results in assisting students to prepare programs of study.
- ESL placement exams for students who plan to take English as a Second Language course.
- Walk-in Clearance/Placement Testing for students needing clearance in only one subject area with prerequisites.
- Work Evaluation Testing to help students determine a vocation or profession.

In 1987-88 Assessments were conducted as follows:

Placement Testing	Number Assessed
Assessment Battery	6,166
Individual Tests	3,756
Work Evaluation	
JTPA	149
VEA Outreach	427

JOB PLACEMENT

The Job Placement Office offers assistance to Cerritos students and recent graduates looking for employment. For students who have job skills useful to the college, on-campus employment is available. Many businesses, industries, and governmental agencies in the Cerritos College area have off-campus part-time work opportunities. Even though some jobs require specific skills, on-the-job training is offered by many employers. The Job Placement Office keeps a file of Civil Service and business job information to assist students who are completing vocational programs or have marketable skills to find careers and full-time employment. The following represents an unduplicated count of the number served in 1987-88:

1,889	Males
1,790	Females
3,679	Total

4,083 job orders were placed by perspective employers; through job placement, 320 male and 314 female students were placed in these jobs. 37 male and 40 female students were also placed through College Work Study.

In addition to the aforementioned figures, the following number of students were also placed in job sites on and off campus:

Tutors	255
Short-Term	63
Technology Instructor's Referrals	400

STUDENT SERVICES (continued)

CAREER CENTER

The Career Center, also located in the Assessment Center, offers students the opportunity for extensive exploration and evaluation of abilities, interests, and other qualities related to career planning and job success. It provides career counseling, assessment tests, occupational and vocational information, classroom and community presentations, peer counseling, and tapes and films.

In 1987-88:

3,261 students (documented) visited the Career Center.

A total of 2,355 assessments were conducted.

PROGRAMS FOR THE DISASBLED

There are five programs for the disabled:

The Resources Center for Disabled Students provides assistance to disabled students as they mainstream into regular Cerritos College classes. Included in the services available are special guidance and counseling classes, adaptive physical education, interpreters for the deaf, notetakers, mobility aides, registration assistance, and taped textbooks.

The Speech and Language Center serves those students having difficulty with articulation, voice, language, aphasia, hearing impairments, and stuttering. Mostly the students are referred from Speech and other credit courses offered by Liberal Arts faculty.

The Instructional Support Center offers non-credit instruction designed to prepare the learning disabled student for enrollment in the regular college curriculum. The self-paced, semi-independent individualized courses in basic skills areas such as Reading, Mathematics, and Occupational Orientation can be entered at any time during the year.

The Rancho Los Amigos Medical Center is available for patients of Rancho Los Amigos Hospital in Downey. Instruction in typing, multi-clerical skills, and remedial math and English are available.

The High Tech Center provides micro-computers specifically adapted to accommodate particular disabilities. Large screen software for the visually impaired, cognitive retraining for the acquired brain injured and specialized wordprocessing software for the learning disabled are common applications.

STUDENT SERVICES (continued)

TRANSFER CENTER

The Transfer Center, adjacent to the counseling area in Admissions, encourages and assists students at Cerritos College in transferring to four-year colleges and universities. It also addresses the unmet needs of potential and actual transfer students among the minority, disabled, low income, and other under-represented students among those transferring to four-year institutions. It also serves high school counselors and students in the district.

In 1987-88: 1,057 students were seen by appointment
1,183 students were seen on a walk-in basis

Of the students seen by appointment, the following ethnic breakdowns were observed:

2.5%	American Indian
31.6	Caucasian
29.5	Hispanic
5.6	Black
17.5	Asian/Pacific Islander
3.3	Filipino
10.0	Other

8 contacts with disabled students needing transfer assistance were also made.

Workshops are offered covering procedures for applying to U.C. and C.S.U. and for financial aid. This year, 1,264 students contacts were recorded for the various workshops, university campus tours, and other activities conducted by the Transfer Center.

RE-ENTRY RESOURCE CENTER

Located in the Assessment Center, the Re-Entry Resource Center offers counseling and guidance to re-entry men and women who, for one reason or another, have had their education interrupted and are now returning to college.

In 1987-88:

640 students were served (this number represents an actual documented unduplicated count).

Of the 640 students served, 550 were undeclared majors taking at least one vocational education class.

Among the 640 students served, the following gender breakdown was observed:

Male students — 121 (19%).
Female students — 519 (81%).

Of the 519 female students served, 220 were either separated, widowed or divorced, and 110 were displaced homemakers.

The following ethnic breakdown was also observed among the 640 students served:

0.8%	American Indian
4.7%	Asian
4.4%	Black
47.5%	Caucasian
34.9%	Hispanic
1.6%	Filipino
8.1%	Other

STUDENT SERVICE (continued)

FINANCIAL AID/E.O.P.S.

The Financial Aid Office, a component of the Office of Student Affairs, is designed to assist needy students at Cerritos College with their educational costs while pursuing their educational goals. In 1987-88, 2,2991 separate awards were issued to over 910 students, totaling nearly $1.3 million. A review of just federal and state programs for "need analysis programs" reveals a profile of aid along the following ethnic lines:

American Indian	3.3%	Black	9.8%
Caucasian	25.8	Asian	22.6
Filipino	1.3	Other	4.1
Hispanic	21.2	No Response	11.9

A major group among those on aid are Extended Opportunity Program and Services (EOPS) students, a state funded program which has a three-fold mission statement: recruitment, retention, and transition to employment or transfer. 1987-88 EOPS activities reveal that:

1,771	students were contacted through EOPS High School/ Community Adult Recruitment efforts;
605	students participated in orientation/ride along;
520	received EOPS counseling;
71	received EOPS tutoring;
92%	of EOPS students completed the 1987-88 academic year (compared to 82% of non-Financial Aid students);
72	EOPS students made the Dean's List;
67	EOPS students graduated
129	students received approximately $55,000 in EOPS Grants.

For the 1987-88 Spring semester, active EOPS students had a combined Grade Point Average of 2.92, with only a 4% withdraw rate.

PSYCHOLOGICAL SERVICES

Psychological Services is a program designed to:

- Enhance the learning experience of each student
- Help each student take responsibility for his/her own emotional well-being
- Provide crisis intervention
- Offer prevention counseling
- Be a resource to Cerritos College staff

The objectives are accomplished as outreach services through individual and group counseling, workshops, and seminars, lectures and speakers, KCEB Talk Radio, and referrals to community agencies. All sessions are confidential, and provided at no cost to the student. Over 250 contacts are made each year with individual students. About 70 percent of the contacts are initiated by the students themselves; most seek assistance on repeated occasions. During 1987-88, contacts were more often female than male (3:1 ratio). Each year the Coordinator makes over 300 contacts with College staff and off-campus agencies. About 100 students on-campus have been referred to agencies outside the campus over the last three years.

Student Services information courtesy of:
Allan Boodnick, Coordinator, Psychological Services
Pat Cook, Assessment Center
Bob Hughlett, Programs for the Disabled
Maureen May, Specialist, Re-Entry Resource Center
Phil Rodriguez, Financial Aid/EOPS
Lisa Sugimoto, Transfer Center

OVERVIEW OF COMMUNITY SERVICES

Cerritos College Community Services offers a year-round program of self-supported, short-term, non-credit, cultural, academic, recreational, and enrichment programs. Designed to meet the changing needs and interests of people of varying ages and ethnic backgrounds, the programs are offered on and off the college campus and are publicized through Community Services calendars of events, fliers, news releases, etc.

The following statistics give a brief overview of the wide variety of activities sponsored by Community Services and of the community's participation in these activities:

Types of classes offered:

Continuing Education/Re-Licensure
Recreation/Leisure
Personal Development
Children's Programs
Trips
Travel Films
Business/Vocational

During the course of the 1987-88 school year, Community Services presented 1,221 classes, serving a total of 27,042 individuals. This number is down slightly from the 1986-87 school year, due largely to the medical absence of key Community Services personnel. However, Community Services offset this occurence by experiencing its most financially lucrative year to date.

Courtesy:
Nello DiCorpo, Dean, Community Services
Ilean Rabens, Administrative Assistant,
Community Services & Cultural Arts
Joan Clark, Administrative Assistant,
Community Education & Continuing Education

1987-88 Attendance figures for the following types of programs:

Cultural Events	6,358
Children's Theater	17,800
Armchair Adventure Film Lecture Series	2,090

SUMMARY OF INDICES OF SUBJECT ACTIVITY, FALL 1986 TO SPRING 1988

	Total TU's				WSCH				FTIE			
	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
College Total	5,121.4	5,113.5	5,382.9	5,571.3	172,296.7	164,366.5	172,875.2	169,250.2	341.4	340.9	358.9	371.4
Business	954.5	882.2	990.2	998.0	33,103.0	28,968.6	30,699.6	30,624.9	63.6	58.8	66.0	66.5
Fine Arts	418.6	442.9	445.3	499.9	12,764.0	13,028.2	12,884.9	13,816.8	27.9	29.5	29.7	33.3
Health Occup.	504.4	531.3	576.9	549.3	12,078.7	12,329.7	12,733.2	12,674.3	33.6	35.4	38.5	36.6
Liberal Arts	1,260.3	1,250.5	1,325.8	1,371.8	47,664.5	46,114.7	49,308.9	46,464.9	84.0	83.4	88.4	91.5
S.E.M.	711.8	731.6	759.8	771.2	28,562.0	27,409.4	27,985.5	28,316.0	47.4	48.8	50.7	51.4
Technology	878.5	869.0	877.6	954.1	23,889.5	23,585.9	23,755.1	23,449.1	58.6	57.9	58.5	63.6
HPER/Athletics	387.3	402.0	397.2	415.3	14,141.0	12,879.0	15,279.0	13,718.2	25.8	26.8	26.5	27.7
Counseling	6.0	4.0	5.0	8.0	94.0	51.0	153.0	153.0	0.4	0.3	0.3	0.5
Library	N.A.	N.A.	5.3	3.8	N.A.	N.A.	76.0	33.0	N.A.	N.A.	0.4	0.3

Source: FTIE Report

Source: FTIE Report

Source: FTIE Report

Legend: W.S.C.H. Weekly Student Contact Hours
F.T.I.E. Full Time Instructor Equivalency

SUMMARY OF INDICES OF SUBJECT ACTIVITY, FALL 1986 TO SPRING 1988 (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
College Total	505	482	482	456	80%	81%	79%	78%	9,804	9,406	9,811	9,588	5,017.30	4,632.39
Business	520	493	465	460	82%	83%	81%	80%	3,798	3,519	3,711	3,645	886.46	852.13
Fine Arts	457	441	434	415	82	84	78	81	446	455	464	463	371.46	347.80
Health Occup.	359	348	331	346	89	89	86	84	1,548	1,486	1,581	1,474	377.23	325.95
Liberal Arts	567	553	558	508	80	80	79	77	1,117	1,152	1,245	1,278	1,430.40	1,281.56
S.E.M.	602	562	553	551	73	71	69	71	1,036	982	1,014	1,007	803.18	804.95
Technology	408	407	406	369	82	84	85	83	1,800	1,738	1,677	1,599	687.20.	639.67
HPER/Athletics	548	481	577	496	80	84	78	76	77	94	119	122	445.69	377.35
Counseling	235	191	458	287	94	93	82	86		No	Major	Offered	4.35	2.98
Library	N.A.	N.A.	217	132	N.A.	N.A.	74	77		No	Major	Offered	1.33	0.0
	Source: FTIE Report				Source: Grade Distribution Report				Source: Computer Services, Program AR820-R				Source: Office of Admissions & Records	

INDICES OF SUBJECT ACTIVITY: BUSINESS DIVISION

	Total TU's				WSCH				FTIE			
Business	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	954.5	882.2	990.2	998.1	33,103.0	28,968.6	30,699.6	30,624.9	63.6	58.8	66.0	66.5
Accounting	205.0	196.5	192.5	204.0	7,429.0	6,937.0	6,700.0	7,144.0	13.7	13.1	12.8	13.6
B.Com.	42.0	48.0	45.0	48.0	1,593.0	1,560.0	1,338.0	1,350.0	2.8	3.2	3.0	3.2
Data Process.	225.3	209.1	233.9	216.4	8,814.5	7,206.1	6,788.7	6,627.4	15.0	13.9	15.6	14.4
Finance	60.0	48.0	42.0	36.0	1,773.0	1,266.0	1,125.0	891.0	4.0	3.2	2.8	2.4
Legal	28.4	34.7	35.8	43.3	668.0	841.0	975.0	1,166.0	1.9	2.3	2.4	2.9
M.M.B.	166.4	143.3	171.2	163.0	5,085.0	4,369.0	4,736.0	4,442.0	11.1	9.6	11.4	10.9
Office Occup.	100.5	85.3	126.3	140.0	3,616.5	2,919.5	3,754.9	3,873.5	6.7	5.7	8.4	9.3
Real Estate	66.0	72.0	69.0	66.0	2,469.0	2,484.0	2,388.0	2,430.0	4.4	4.8	4.6	4.4
Secretarial	24.8	15.8	15.8	21.4	627.0	433.0	542.0	495.0	1.7	1.1	1.1	1.4
Stenograph	36.3	29.5	58.8	60.0	1,028.0	953.0	2,352.0	2,206.0	2.4	2.0	3.9	4.0

INDICES OF SUBJECT ACTIVITY: BUSINESS DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Business	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	520	493	465	460	82%	83%	81%	80%	3,798	3,519	3,711	3,645	886.46	852.13
Accounting	544	530	522	525	75%	80%	76%	76%	584	544	552	575	192.26	205.94
B.Com.	569	488	446	422	77	81	80	76	1,671	1,569	1,741	1,682	39.23	37.58
Data Process.	587	517	435	459	83	83	81	80	556	486	410	383	190.47	167.97
Finance	443	396	402	371	76	82	77	82		No Major Offered			33.38	26.33
Legal	353	363	408	404	87	79	81	83	143	167	181	197	31.70	35.97
M.M.B.	458	457	415	409	83	85	84	81	291	299	233	231	144.23	135.71
Office Occup.	540	513	446	415	84	84	85	80	119	102	80	76	106.15	103.35
Real Estate	561	518	519	552	91	86	87	86	127	100	205	227	70.62	70.35
Secretarial	380	412	516	347	82	72	74	84	94	75	73	70	15.14	10.89
Stenograph	425	485	601	552	87	78	80	85		No Major Offered			63.28	58.04
Court Report									213	177	236	204		

INDICES OF SUBJECT ACTIVITY: FINE ARTS DIVISION

	Total TU's				WSCH				FTIE			
Fine Arts	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	418.6	442.9	445.3	499.9	12,764.0	13,028.2	12,884.9	13,816.8	27.9	29.5	29.7	33.3
Art	152.8	151.5	157.5	168.8	5,090.0	4,550.0	4,845.0	4,726.0	10.2	10.1	10.5	11.3
Cultural Arts	N.A.	N.A.	N.A.	22.8	N.A.	N.A.	N.A.	823.8	N.A.	N.A.	N.A.	1.5
Humanities	3.0	2.0	2.0	N.A.	N.A.	123.2	152.7	N.A.	0.2	0.1	0.1	N.A.
Journalism	23.5	20.5	18.5	26.5	827.0	508.0	428.0	464.0	1.6	1.4	1.2	1.8
Music	106.3	106.0	118.8	111.5	3,442.0	3,804.0	3,939.4	3,766.0	7.1	7.1	7.9	7.4
Photography	48.3	54.5	53.3	53.3	1,166.0	1,245.0	1,107.0	1,059.0	3.2	3.6	3.6	3.6
Theatre	84.9	108.4	95.3	117.1	2,239.0	2,798.0	2,412.8	2,978.0	5.7	7.2	6.4	7.8

INDICES OF SUBJECT ACTIVITY: FINE ARTS DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Fine Arts	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	457	441	434	415	82%	84%	78%	81%	446	455	464	463	371.46	347.80
Art	500	450	461	420	86%	89%	80%	80%	153	153	149	160	141.56	131.52
Cultural Arts	N.A.	N.A.	N.A.	543	N.A.	N.A.	N.A.	98		No Major Offered			N.A.	N.A.
Humanities	N.A.	926	1,148	N.A.	70	51	44	N.A.	12	6	6	8	4.73	N.A.
Journalism	528	372	347	263	93	94	83	83	50	55	51	52	12.55	13.70
Music	486	538	498	507	78	79	76	77	90	92	97	100	111.86	106.10
Photography	363	343	312	298	79	87	82	80	51	55	50	42	32.34	30.74
Theatre	396	387	380	381	84	85	80	82	66	66	81	78	68.42	65.74
Fine Arts/ Communication General									24	28	30	23		

INDICES OF SUBJECT ACTIVITY: HEALTH OCCUPATIONS DIVISION

	Total TU's				WSCH				FTIE			
Health Occup.	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	504.4	531.3	576.9	549.3	12,078.7	12,329.7	12,733.2	12,674.3	33.6	35.4	38.5	36.6
Child Educ.	14.3	13.6	14.6	25.3	471.0	544.0	782.1	858.6	1.0	0.9	1.0	1.7
Dental Assist.	35.0	36.5	48.5	52.2	457.0	667.0	958.0	1,083.0	2.3	2.4	3.2	3.5
Dental Hygiene	80.8	79.0	93.0	88.0	1,044.0	834.0	1,121.0	919.0	5.4	5.3	6.2	5.9
E.C.E.	34.5	30.8	39.5	39.8	1,612.0	1,209.0	1,495.0	1,483.0	2.3	2.1	2.6	2.7
Fashion Careers	13.5	12.5	18.5	11.5	341.0	339.0	404.0	315.0	0.9	0.8	1.2	0.8
Food Services	41.3	47.0	47.4	46.3	970.0	940.5	947.0	846.0	2.8	3.1	3.2	3.1
Health Occup.	11.5	16.5	17.5	13.6	711.0	831.0	572.0	657.0	0.8	1.1	1.2	0.9
Home Economics	13.0	7.5	7.0	16.5	351.0	209.0	270.0	455.0	0.9	0.5	0.5	1.1
Instruct. Aide	6.0	3.0	6.0	3.5	144.0	213.0	170.0	339.0	0.4	0.2	0.4	0.2
Medical Assist.	23.3	18.3	19.5	20.3	964.0	770.0	648.0	688.0	1.6	1.2	1.3	1.4
Nursing	183.8	196.1	206.0	180.6	3,554.7	3,820.6	3,498.1	2,982.2	12.3	13.1	13.7	12.0
Pharmacy	9.7	21.4	13.9	16.4	271.0	400.0	483.0	460.0	0.6	1.4	0.9	1.1
P.T.A.	23.8	25.7	31.3	21.2	720.0	948.6	905.0	983.5	1.6	1.7	2.1	1.4
S.E.A.	14.3	23.5	14.3	14.3	468.0	604.0	480.0	605.0	1.0	1.6	1.0	1.0

INDICES OF SUBJECT ACTIVITY: HEALTH OCCUPATIONS DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Health Occup	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	359	348	331	346	89%	89%	86%	84%	1,548	1,486	1,581	1,474	377.23	325.95
Child Educ.	496	598	802	510	78%	85%	76%	80%	No Major Offered				24.25	22.33
Dental Assist.	196	274	296	311	95	83	77	93	33	34	39	48	27.87	34.07
Dental Hygiene	194	158	181	157	100	100	99	100	138	138	143	125	33.24	27.92
E.C.E.	701	590	568	560	92	90	91	86	416	372	434	430	48.30	46.73
Fashion Careers	379	407	328	411	69	66	63	81	61	50	75	66	11.74	8.91
Food Services	353	300	300	274	86	95	84	69	36	57	41	26	28.99	23.98
Health Occup.	927	755	578	724	82	82	80	73	2	3	1	N.A.	16.26	18.76
Home Econ.	405	418	491	414	75	76	82	82	16	12	16	18	8.10	12.90
Instruc. Aide	360	1,065	425	1,455	94	95	89	83	8	7	4	6	3.24	10.36
Medical Assist.	622	633	498	510	81	81	88	69	68	72	59	48	19.69	20.99
Nursing	290	292	255	248	96	97	94	93	423	414	451	417	104.02	53.12
Pharmacy	421	281	522	421	98	95	80	82	50	51	63	66	10.24	9.02
P.T.A.	455	553	434	695	96	98	97	99	168*	161*	171*	160*	27.12	19.80
S.E.A.	493	385	505	637	77	77	72	69	43	37	39	34		
P & O									1	1	N.A.	N.A.		
Vocat. Nurse									85	78	45	30		

* includes Physical Therapy Program

INDICES OF SUBJECT ACTIVITY: LIBERAL ARTS DIVISION

	Total TU's				WSCH				FTIE			
Liberal Arts	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	1,260.3	1,250.5	1,325.8	1,371.8	47,664.5	46,114.7	49,308.9	46,464.9	84.0	83.4	88.4	91.5
Admin of Justice	72.5	70.5	66.0	65.0	2,348.9	2,464.3	2,053.0	2,045.5	4.8	4.7	4.4	4.3
Economics	30.0	30.0	30.0	33.0	1,548.0	1,548.0	1,503.0	1,461.0	2.0	2.0	2.0	2.2
English	344.8	339.5	371.0	362.8	11,173.0	10,778.0	11,882.0	10,853.0	23.0	22.6	24.7	24.2
E.S.L.	77.0	81.3	95.5	102.3	3,082.5	3,236.0	3,693.0	3,497.5	5.1	5.4	6.4	6.8
French	30.0	33.0	30.0	30.0	648.0	772.0	664.0	580.0	2.0	2.2	2.0	2.0
German	17.0	17.0	17.0	16.6	475.0	467.0	390.0	292.0	1.1	1.1	1.1	1.1
History	102.0	93.0	102.0	102.0	5,079.0	4,245.0	5,151.0	4,584.0	6.8	6.2	6.8	6.8
Philosophy	63.0	69.0	69.0	81.0	2,478.0	2,745.0	2,475.0	2,892.0	4.2	4.6	4.6	5.4
Pol. Science	63.0	63.0	60.0	75.0	3,258.0	3,135.0	3,093.0	3,429.0	4.2	4.2	4.0	5.0
Psychology	114.8	108.5	123.8	120.5	5,574.0	5,004.0	5,970.0	5,190.0	7.7	7.2	8.3	8.0
Reading	93.0	95.3	98.3	110.3	3,384.9	3,372.3	3,417.8	3,102.5	6.2	6.4	6.6	7.4
Sociology	48.0	48.0	51.0	48.0	2,646.0	2,538.0	2,724.0	2,304.0	3.2	3.2	3.4	3.2
Spanish	95.0	91.0	87.0	105.0	2,934.0	2,797.0	2,970.0	3,095.4	6.3	6.1	5.8	7.0
Speech	110.3	111.5	125.3	120.5	3,035.2	3,013.1	3,323.1	3,139.0	7.4	7.4	8.4	8.0

INDICES OF SUBJECT ACTIVITY: LIBERAL ARTS DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Liberal Arts	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	567	553	558	508	80%	80%	79%	77%	1,117	1,152	1,245	1,278	1,430.40	1,281.56
Admin of Justice	486	524	467	472	85%	84%	85%	84%	262	270	260	277	63.22	59.04
Economics	774	774	752	664	77	79	68	65	21	19	18	24	43.91	38.12
English	486	476	480	449	77	78	76	76	64	77	81	91	348.74	307.76
E.S.L.	601	597	580	513	89	87	86	81		No Major Offered			110.16	90.25
French	324	351	332	290	72	69	76	66	4	2	5	6	19.98	14.67
German	419	412	344	264	87	83	74	80	10	10	6	5	10.95	7.20
History	747	685	758	674	83	84	81	81	19	24	26	42	147.45	135.22
Philosophy	590	597	538	536	71	69	75	73	8	4	8	11	70.03	79.82
Pol. Science	776	746	773	686	79	83	69	77	32	35	42	40	90.61	91.14
Psychology	729	692	724	646	81	79	81	77	180	164	211	199	172.08	142.75
Reading	546	531	522	422	76	74	78	72		No Major Offered			99.13	80.29
Sociology	827	793	801	720	84	84	85	80	33	40	31	37	75.92	67.88
Spanish	463	461	512	442	76	70	68	71	23	23	18	22	84.96	81.29
Speech	413	405	398	391	86	87	85	82	26	24	20	19	93.26	86.13
Biling. Educ.									63	54	54	46		
Biling/Bicult. Teacher Assist.									6	5	3	3		
Chicano Studies									3	2	2	1		
Foreign Lang-Undecided									6	8	6	5		
General Studies									318	352	412	400		
Social Science-General									12	13	7	15		
Social Welfare									27	26	35	35		

INDICES OF SUBJECT ACTIVITY: S.E.M. DIVISION

	Total TU's				WSCH				FTIE			
S.E.M.	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	711.8	731.6	759.8	771.2	28,562.0	27,409.4	27,985.5	28,316.0	47.4	48.8	50.7	51.4
Anat. & Phys.	46.3	46.0	44.0	39.5	1,889.0	1,554.0	1,657.0	1,453.0	3.1	3.1	2.9	2.6
Anthropology	9.0	11.0	9.0	11.0	249.0	292.2	273.0	273.2	0.6	0.7	0.6	0.7
Astronomy	16.5	12.0	13.5	13.5	771.0	558.0	627.0	618.0	1.1	0.8	0.9	0.9
Biology	69.5	72.4	74.5	72.8	3,269.0	3,149.0	3,114.0	3,198.0	4.6	4.8	5.0	4.9
Botany	6.5	N.A.	6.5	N.A.	200.0	N.A.	184.0	N.A.	0.4	N.A.	0.4	N.A.
Chemistry	101.5	107.0	94.5	100.0	3,344.0	3,217.0	2,874.0	2,994.0	6.7	7.1	6.3	6.7
Computer Sc.	23.3	27.5	27.5	18.0	643.0	772.0	657.0	461.0	1.6	1.8	1.8	1.2
Earth Science	13.3	8.0	20.8	25.8	540.0	401.7	843.0	846.8	0.9	0.5	1.4	1.7
Energy	3.0	6.0	6.0	6.0	168.0	249.0	240.0	294.0	0.2	0.4	0.4	0.4
Engineering	5.0	8.0	7.0	7.0	132.0	150.0	132.0	132.0	0.3	0.5	0.5	0.5
Geography	3.0	3.0	6.0	6.0	132.0	129.0	210.0	138.0	0.2	0.2	0.4	0.4
Geology	7.5	10.5	16.5	15.8	176.0	393.0	458.0	399.0	0.5	0.7	1.1	1.1
Math	296.3	311.3	321.0	347.0	13,537.0	13,138.0	13,511.0	14,404.0	19.8	20.8	21.4	23.1
Microbiology	19.5	19.5	19.5	19.5	729.0	774.0	618.0	702.0	1.3	1.3	1.3	1.3

INDICES OF SUBJECT ACTIVITY: S.E.M. DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
S.E.M.	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	602	562	553	551	73%	71%	69%	71%	1,036	982	1,014	1,007	803.18	804.95
Anat. & Phys.	613	507	565	552	70%	76%	74%	72%	No Major Offered				48.58	42.29
Anthropology	415	399	455	373	86	67	78	80	6	3	5	5	8.11	7.69
Astronomy	701	698	697	687	69	55	62	65	No Major Offered				17.63	17.41
Biology	706	652	627	659	82	77	77	78	57	55	56	62	92.09	93.79
Botany	462	N.A.	425	222	78	N.A.	61	83	1	2	2	3	5.11	N.A.
Chemistry	494	451	456	449	77	79	78	78	17	21	20	16	84.75	88.79
Computer Sc.	415	421	358	384	64	66	69	66	262	248	255	240	19.15	13.25
Earth Science	611	754	609	493	86	80	82	76	No Major Offered				25.26	25.22
Energy	840	623	600	735	86	80	79	78	No Major Offered				6.93	8.47
Engineering	396	281	283	283	86	63	86	86	387	367	379	383	3.92	3.92
Geography	660	645	525	345	93	71	86	81	1	2	3	3	6.24	4.06
Geology	352	561	416	380	85	75	83	75	8	7	6	4	13.52	11.49
Math	685	633	631	623	70	69	64	67	43	55	56	51	376.43	400.65
Microbiology	561	595	475	540	80	87	83	76	16	12	11	15	18.49	21.58

INDICES OF SUBJECT ACTIVITY: S.E.M. DIVISION (continued)

	Total TU's				WSCH				FTIE			
S.E.M.	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	711.8	731.6	759.8	771.2	28,562.0	27,409.4	27,985.5	28,316.0	47.4	48.8	50.7	51.4
Ornam. Hort.	23.8	23.9	22.5	23.4	593.0	533.5	550.5	628.0	1.6	1.6	1.5	1.6
Physical Sc.	6.0	6.0	9.0	9.0	291.0	330.0	258.0	222.0	0.4	0.4	0.6	0.6
Physics	49.0	46.5	49.0	44.0	1,611.0	1,449.0	1,491.0	1,329.0	3.3	3.1	3.3	2.9
Zoology	13.0	13.0	13.0	13.0	288.0	320.0	288.0	224.0	0.9	0.9	0.9	0.9

INDICES OF SUBJECT ACTIVITY: S.E.M. DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
S.E.M.	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	602	562	553	551	73%	71%	69%	71%	1,036	982	1,014	1,007	803.18	804.95
Ornam. Hort.	375	335	367	403	92%	81%	80%	91%	43	35	32	39	16.58	17.21
Physical Sc.	728	825	430	370	86	54	55	67	No Major Offered				7.49	3.64
Physics	493	467	457	453	69	74	71	72	13	11	9	15	43.77	38.81
Zoology	333	370	333	259	46	55	51	75	10	11	8	9	9.13	6.68
Agriculture									2	2	2	3		
Forestry									6	4	4	2		
Landscape Design/Maint.									8	11	21	17		
Landscape Mgmt.									3	1	3	4		
Natural Sc. - General									8	6	5	8		
Pre-Chiro									19	10	23	18		
Pre-Dental									14	12	9	12		
Pre-Medical									73	64	67	52		
Pre-Optometry									5	4	6	8		
Pre-Pharmacy									17	24	21	24		
Pre-Veterinary									16	13	10	13		
Wildlife Mgmt.									1	2	1	1		

INDICES OF SUBJECT ACTIVITY: TECHNOLOGY DIVISION

	Total TU's				WSCH				FTIE			
Technology	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	878.5	869.0	877.6	954.1	23,889.5	23,585.9	23,755.1	23,449.1	58.6	57.9	58.5	63.6
Architecture	19.3	19.3	16.5	17.3	490.0	341.0	536.0	339.0	1.3	1.3	1.1	1.2
Auto Body	93.0	90.5	86.3	96.0	2,374.0	2,480.0	2,179.0	2,202.0	6.2	6.0	5.7	6.4
Automotive	92.8	97.0	101.5	140.3	2,288.0	2,434.0	2,367.0	3,047.0	6.2	6.5	6.8	9.4
Cosmetology	197.3	205.6	188.7	190.4	6,925.0	6,707.9	6,479.5	5,566.0	13.2	13.7	12.6	12.7
Drafting	79.5	84.0	71.3	84.4	2,298.5	2,369.0	2,078.0	2,347.0	5.3	5.6	4.8	5.6
Electronics	100.4	74.5	84.3	80.3	2,418.0	2,090.0	2,178.0	1,921.0	6.7	5.0	5.6	5.4
Engine Repair	15.5	15.5	15.5	15.5	310.0	399.0	315.0	360.0	1.0	1.0	1.0	1.0
Furnit. Mfgt.	20.9	28.8	29.5	32.5	550.0	866.5	791.0	985.0	1.4	1.9	2.0	2.2
Indust. Arts	54.3	43.5	46.7	44.2	1,698.0	1,352.0	1,352.0	1,274.0	3.6	2.9	3.1	2.9
Indust. Process.	3.0	3.0	3.0	N.A.	57.0	57.0	30.0	N.A.	0.2	0.2	0.2	N.A
Machine Tool	22.5	30.0	41.1	51.2	499.0	711.0	928.1	1,102.6	1.5	2.0	2.7	3.4
Manufacturing	3.0	6.0	N.A.	10.3	39.0	54.0	N.A.	206.0	0.2	0.4	N.A.	0.7
Metallurgy	12.8	8.8	16.5	12.8	298.0	238.0	324.0	318.0	0.9	0.6	1.1	0.9
Numer. Control	18.0	24.0	33.8	33.4	529.0	537.0	963.0	759.0	1.2	1.6	2.3	2.2

INDICES OF SUBJECT ACTIVITY: TECHNOLOGY DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Technology	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	408	407	406	369	82%	84%	85%	83%	1,782	1,718	1,677	1,599	697.20	639.67
Architecture	382	266	487	295	60%	76%	75%	88%	136	109	111	112	15.79	10.11
Auto Body	383	411	379	344	82	89	93	83	101	114	124	108	65.69	64.76
Automotive	370	376	350	326	88	89	92	92	191	218	214	217	6.83	73.45
Cosmetology	527	489	515	439	90	89	93	91	224	200	208	180	199.04	155.85
Drafting	434	423	437	417	78	76	75	74	151	123	103	111	56.65	64.79
Electronics	361	421	388	359	81	81	84	79	354	329	319	281	61.55	58.21
Engine Repair	300	386	305	348	79	80	76	82	7	15	13	15	8.57	9.47
Furnit. Mfgt.	394	452	402	455	95	93	96	97	41	39	40	53	21.60	29.16
Indust. Arts	469	466	434	433	75	84	85	82	10	3	8	11	39.58	36.89
Indust. Proc.	285	285	150	255	68	79	82	88		No Major Offered			0.91	0.0
Machine Tool	333	356	339	323	84	81	87	89	58	61	103	95	18.93	16.62
Manufacturing	195	135	248	302	100	100	94	97	18	20	35	40	0.0	3.69
Metallurgy	351	408	295	374	71	88	75	73	41	35	26	24	7.96	9.15
Numer. Control	441	336	428	341	82	79	86	72	64	61	54	46	29.02	22.57

INDICES OF SUBJECT ACTIVITY: TECHNOLOGY DIVISION (continued)

	Total TU's				WSCH				FTIE			
Technology	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	878.5	869.0	877.6	954.1	23,889.5	23,585.9	23,755.1	23,449.1	58.6	57.9	58.5	63.6
Plastics Mfgt.	17.3	13.7	17.1	16.9	349.0	273.5	432.5	405.5	1.2	0.9	1.1	1.1
Supervision	27.2	21.0	26.0	21.0	445.0	426.0	670.0	399.0	1.8	1.4	1.7	1.4
Tech. Math	27.0	29.0	27.0	35.0	563.0	567.0	495.0	615.0	1.8	1.9	1.8	2.3
Welding	75.0	75.0	73.0	73.0	1,759.0	1,683.0	1,637.0	1,603.0	5.0	5.0	4.9	4.9

INDICES OF SUBJECT ACTIVITY: TECHNOLOGY DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
Technology	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	408	407	406	369	82%	84%	85%	83%	1,782	1,718	1,677	1,599	697.20	639.67
Plastics Mfgt.	303	301	379	361	99%	96%	92%	96%	33	27	33	39	13.13	9.74
Supervision	245	304	387	285	93	91	88	83	41	40	38	25	20.61	11.46
Tech. Math	313	293	275	263	77	83	78	82	No Major Offered				14.81	15.73
Welding	352	337	336	329	86	76	78	75	102	104	87	95	46.53	48.02
Aero									1	1	N.A.	N.A.		
Bio-Med									26	29	17	22		
Construction									6	5	10	13		
Elec - Mech Design									11	12	14	13		
E.P.D.									2	2	N.A.	N.A.		
Ind. Proc. Tech.									16	14	13	12		
Ind. Tech - Const.									14	20	7	9		
Ind. Tech - Elect.									36	37	34	28		
Ind. Tech - Qual. Assur.									10	12	20	26		
M.M.P.									N.A.	1	3	N.A.		
Struct. Steel									1	N.A.	N.A.	N.A.		
Technology - General									N.A	.N.A.	19	16		
T.V. Service Tech.									3	2	5	7		

INDICES OF SUBJECT ACTIVITY: HPER/ATHLETICS DIVISION

	Total TU's				WSCH				FTIE			
HPER/Athletics	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88
Division Total	387.3	402.0	397.2	415.3	14,141.0	12,879.0	15,279.0	13,718.2	25.8	26.8	26.5	27.7
Health Educ.	56.0	64.0	56.0	66.0	2,995.0	2,767.0	2,986.0	2,923.0	3.7	4.3	3.7	4.4
Physical Educ.	328.3	333.0	338.2	344.3	11,075.0	10,006.0	12,249.0	10,653.0	21.9	22.2	22.5	23.0
Recreation	3.0	5.0	3.0	5.0	71.0	106.0	44.0	142.2	0.2	0.3	0.2	0.3

INDICES OF SUBJECT ACTIVITY: HPER/ATHLETICS DIVISION (continued)

	WSCH/FTIE				Retention				Number of Majors				Average Daily Attendance (ADA)	
HPER/Athletics	F86	S87	F87	S88	F86	S87	F87	S88	F86	S87	F87	S88	F87	S88
Division Total	548	481	577	496	80%	84%	78%	76%	77	94	119	122	445.69	377.35
Health Educ.	802	649	800	664	81%	84%	81%	78%	7	11	7	11	89.44	82.02
Physical Educ.	506	451	543	464	79	84	77	76	56	68	87	80	354.19	292.61
Recreation	355	318	220	427	77	90	80	77	14	12	18	19	2.06	2.72
Dance									N.A.	3	7	12		

SUMMARY OF RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

	Fall 1987			Spring 1988		
	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
College Total	1,798	64.4%	35.7%	1,844	60.8%	39.3%
Business	308	65.8%	34.2%	311	62.2%	37.8%
Fine Arts & Communications	142	66.0	34.0	159	59.8	40.3
Health Occupations	155	52.3	47.7	150	53.1	46.9
Liberal Arts	473	68.5	31.5	488	68.7	31.4
S.E.M.	243	76.7	23.3	244	72.7	27.3
Technology	207	63.0	37.0	209	56.9	43.1
H.P.E.R./Athletics	148	79.6	20.4	149	71.1	28.9
Counseling	7	42.9	57.1	7	0	100.0
Learning Resource Center	2	0	100.0	2	0	100.0
Adult Education	113	15.9	84.1	125	12.0	88.0

Source: Cerritos College Computer Services, Program AR790R.

BUSINESS DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

Business Division	Fall 1987 Total Number of Classes	Fall 1987 % Taught By Full-time	Fall 1987 % Taught By Part-time	Spring 1988 Total Number of Classes	Spring 1988 % Taught By Full-time	Spring 1988 % Taught By Part-time
Division Total	308	65.8%	34.2%	311	62.2%	37.8%
Accounting	54	81.5%	18.5%	57	82.5%	17.5%
Business Administration (M.M.B.)	58	55.2	44.8	55	52.7	47.3
B.Com.	15	86.7	13.3	16	68.8	31.3
Court Reporting (Stenography)	14	50.0	50.0	14	64.3	35.7
Computer Information Systems (Data Processing)	69	57.7	42.3	66	59.6	40.4
Finance	14	71.4	28.6	12	66.7	33.3
Paralegal (Legal Assisting)	12	50.0	50.0	15	46.7	53.3
Office Technologies	46	80.4	19.6	48	64.6	35.4
Real Estate	23	47.8	52.2	22	40.9	59.1
Secretarial Science	3	100.0	0	6	50.0	50.0

FINE ARTS DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

	Fall 1987			Spring 1988		
Fine Arts Division	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	142	66.0%	34.0%	159	59.8%	40.3%
Art	37	64.9%	35.1%	41	53.7%	46.3%
Cultural Arts	N.A.	N.A.	N.A.	8	0	100.0
Humanities	2	100.0	0	1	100.0	0
Journalism	8	87.5	12.5	9	77.8	22.2
Music	50	66.0	34.0	47	66.0	34.0
Photography	13	61.5	38.5	13	69.2	30.8
Theater	32	61.7	38.3	41	63.4	36.6

HEALTH OCCUPATIONS DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

	Fall 1987			Spring 1988		
Health Occupations	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	155	52.3%	47.7%	150	53.1%	46.9%
Childhood Education	5	100.0%	0	9	44.4%	55.6%
Dental Assistant	16	31.3	68.8%	15	20.0	80.0
Dental Hygiene	23	53.4	46.7	18	55.6	44.4
Early Childhood Education	13	38.5	61.5	13	30.8	69.2
Fashion Careers	8	62.5	37.5	7	71.4	28.6
Food Services	6	77.8	22.2	11	88.6	11.4
Home Economics	3	33.3	66.7	6	66.7	33.3
Health Occupations	6	50.0	50.0	6	50.0	50.0
Instructional Aide	3	33.3	66.7	1	0	100.0
Medical Assistant	8	75.0	25.0	8	70.9	29.1
Nursing	40	67.9	32.1	36	74.1	25.9
Pharmacy Technician	7	0	100.0	7	0	100.0
Physical Therapy Assistant	12	41.7	58.3	8	43.8	56.3
Special Education Assistant	5	20.0	80.0	5	20.0	80.0

LIBERAL ARTS DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

		Fall 1987			Spring 1988	
Liberal Arts Division	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	473	68.5%	31.5%	488	68.7%	31.4%
Admin. of Justice	24	62.5%	37.5%	23	65.2%	34.8%
Economics	10	60.0	40.0	11	54.6	45.5
English	160	77.5	22.5	156	76.3	23.7
E.S.L.	37	59.5	40.5	42	61.9	38.1
French	6	50.0	50.0	6	100.0	0
German	4	100.0	0	3	66.7	33.3
History	34	91.2	8.8	34	82.4	17.7
Philosophy	23	73.9	26.1	28	78.6	21.4
Political Science	20	60.0	40.0	25	52.0	48.0
Psychology	42	64.3	35.7	42	73.8	26.2
Reading	33	54.6	45.5	37	64.9	35.1
Sociology	17	52.9	47.1	15	53.3	46.7
Spanish	21	38.1	61.9	26	34.6	65.4
Speech	42	66.7	33.3	40	65.0	35.0

S.E.M. DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

	Fall 1987			Spring 1988		
S.E.M. Division	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	243	76.7%	23.3%	244	72.7%	27.3%
Anatomy & Physiology	15	60.0%	40.0%	14	50.0%	50.0%
Anthropology	3	100.0	0	5	100.0	0
Astronomy	5	80.0	20.0	5	80.0	20.0
Biology	28	70.2	29.8	30	70.0	30.0
Botany	2	100.0	0	N.A.	N.A.	N.A.
Chemistry	29	89.7	10.3	30	96.7	3.3
Computer Science	12	83.3	16.7	8	75.0	25.0
Earth Science	8	100.0	0	9	100.0	0
Energy	2	100.0	0	2	100.0	0
Engineering	2	100.0	0	2	100.0	0
Geography	2	50.0	50.0	2	50.0	50.0
Geology	6	100.0	0	6	100.0	0
Mathematics	87	70.9	29.1	92	60.3	39.7
MicroBiology	5	80.0	20.0	5	80.0	20.0
Ornamental Horticulture	12	91.7	8.3	11	81.8	18.2
Physics	18	66.7	33.3	16	62.5	37.5
Physical Science	3	100.0	0	3	100.0	0
Zoology	4	50.0	50.0	4	100.0	0

TECHNOLOGY DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

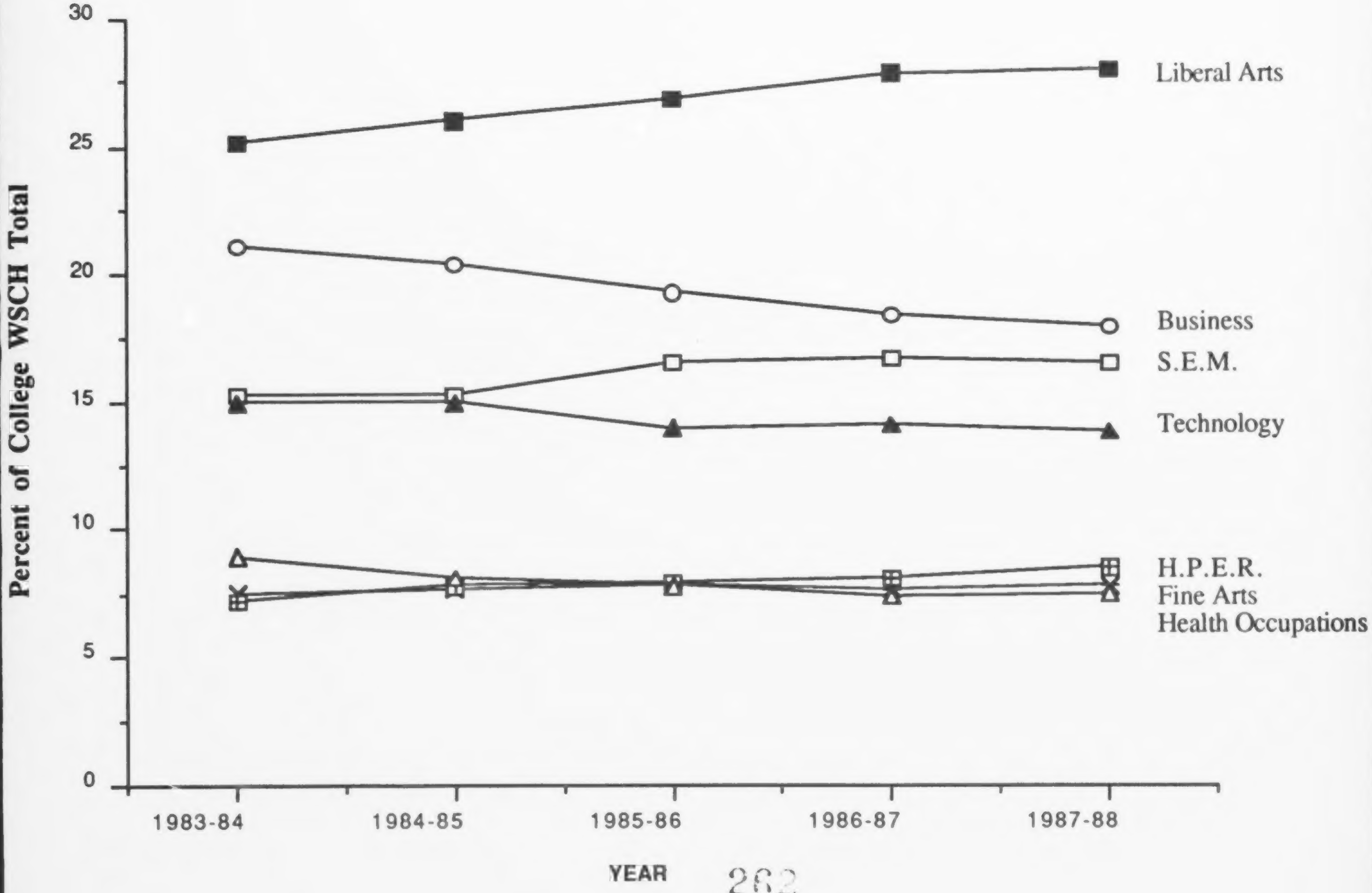
	Fall 1987			Spring 1988		
Technology Division	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	207	63.0%	37.0%	209	56.9%	43.1%
Architecture	7	85.7%	14.3%	4	75.0%	25.0%
Auto Body	25	88.0	12.0	24	87.5	12.5
Automotive	21	81.0	19.1	26	61.5	38.5
Cosmetology	15	24.3	75.7	16	27.9	72.1
Drafting	21	47.6	52.4	25	36.0	64.0
Electronics	26	61.5	38.5	25	60.0	40.0
Engine Repair	5	80.0	20.0	6	66.7	33.3
Furniture Manufact.	10	46.7	53.3	8	56.3	43.8
Industrial Arts	11	54.6	45.5	10	40.0	60.0
Industrial Process	1	0	100.0	N.A.	N.A.	N.A.
Machine Tool	8	87.5	12.5	7	57.1	42.9
Manufacturing	N.A.	N.A.	N.A.	2	50.0	50.0
Metallurgy	4	0	100.0	3	0	100.0
Numerical Control	7	57.1	42.9	7	71.4	28.6
Plastics Manufact.	9	77.8	22.2	10	80.0	20.0
Supervision	11	63.6	36.4	8	50.0	50.0
Technical Math	8	50.0	50.0	11	45.5	54.6
Welding	18	66.7	33.3	17	64.7	35.3

H.P.E.R./ATHLETICS DIVISION: RATIO OF CLASSES TAUGHT BY FULL-TIME & PART-TIME FACULTY, FALL 1987 ~ SPRING 1988

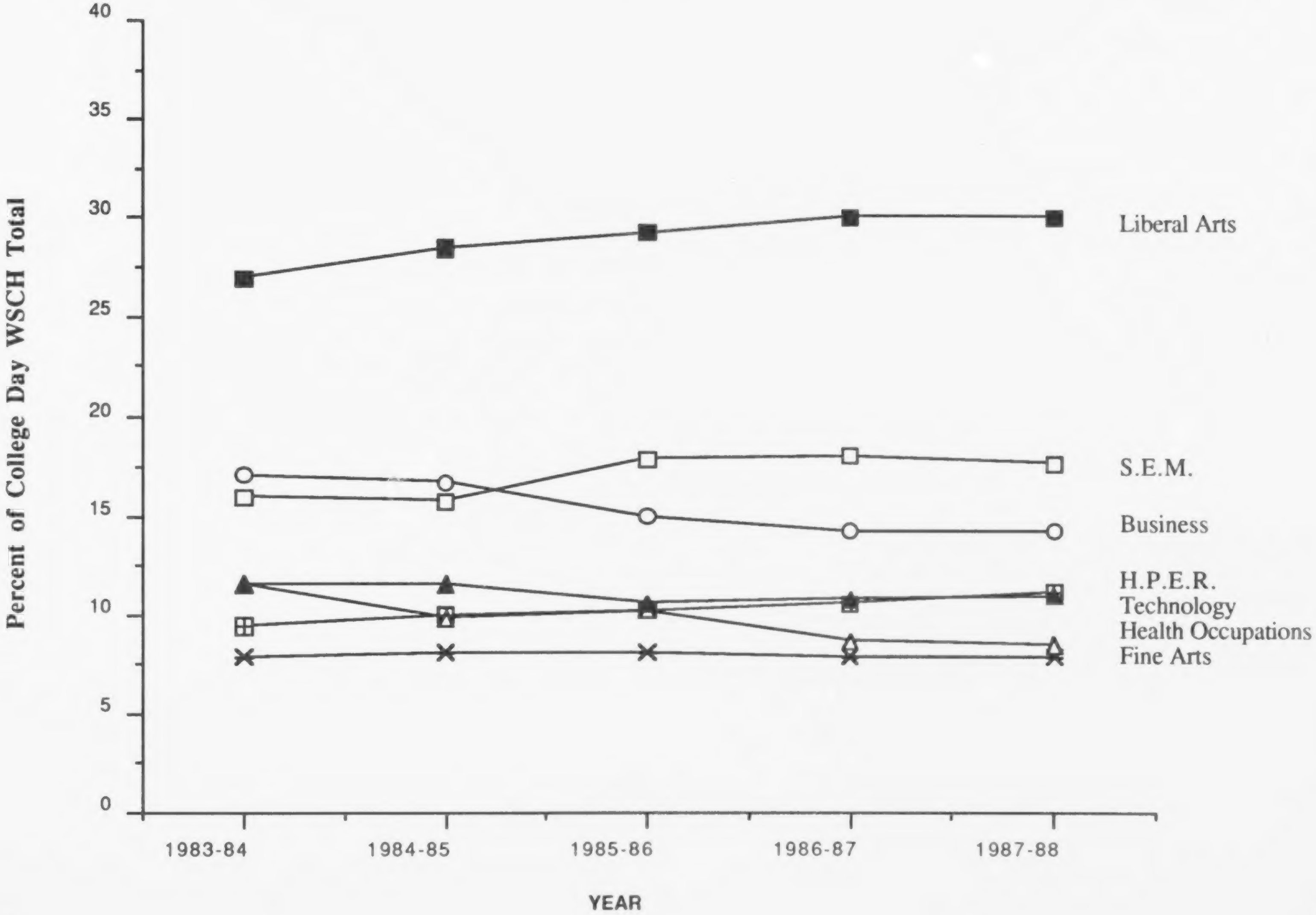
	Fall 1987			Spring 1988		
H.P.E.R./Athletics	Total Number of Classes	% Taught By Full-time	% Taught By Part-time	Total Number of Classes	% Taught By Full-time	% Taught By Part-time
Division Total	148	79.6%	20.4%	149	71.1%	28.9%
Health Education	20	90.0%	10.0%	23	78.3%	21.7%
Physical Education	127	77.8	22.2	124	69.3	30.7
Recreation	1	100.0	0	2	100.0	0

Source: Cerritos College Computer Services, Program AR790R.

PERCENT OF COLLEGE WSCH TOTAL: BY DIVISION
1983-84 TO 1987-88



PERCENT OF COLLEGE DAY WSCH TOTAL: BY DIVISION
1983-84 TO 1987-88



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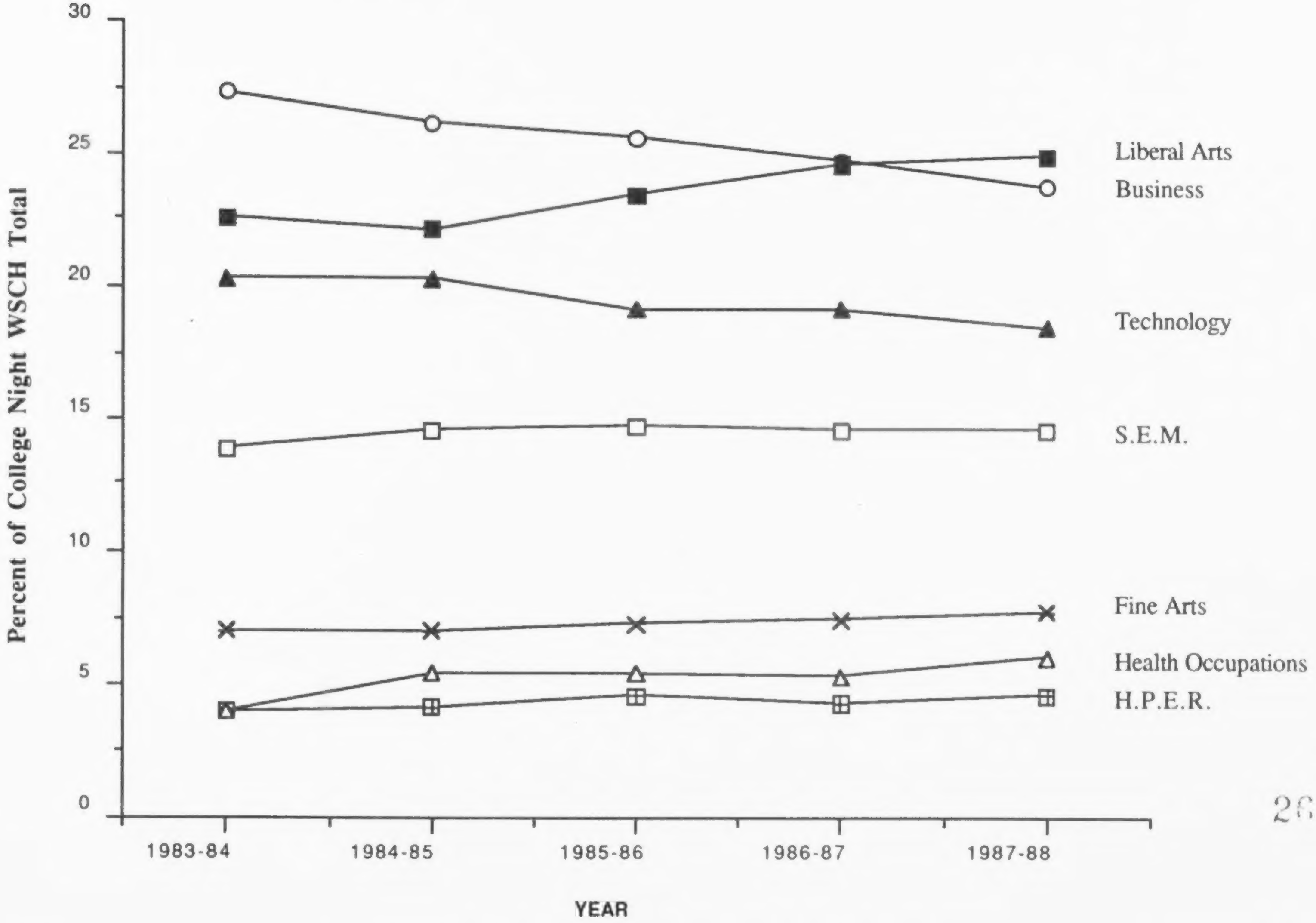
PERCENT OF COLLEGE NIGHT WSCH TOTAL: BY DIVISION
1983-84 TO 1987-88



Part VI

CERRITOS COMMUNITY COLLEGE STAFF

ANALYSES OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF

The information on the following pages regarding the full-time staff at Cerritos College is aggregated according to the occupational codes and categories as specified by the California Community Colleges Chancellor's Office (Title EEO-6). An employee may have only one primary occupational activity. They are defined as follows:

CODE:	**CATEGORY:**
1	Executive/Administrative/Managerial An employee having primarily administrative duties (e.g. at Cerritos, President, Vice-President, Dean, Director, etc.).
2	Faculty An employee whose assignment is instructional (e.g. at Cerritos, 50% or more of the employee's time is spent in instruction: includes counselors, librarians, nurses).
3	Professional/Non-Faculty An employee whose assignment does not fit into any other area, but does require either college graduation or specialized professional training (e.g. at Cerritos, confidential accountant, theater manager/technical director).
4	Secretarial and Clerical An employee having secretarial or clerical duties (e.g. at Cerritos, account clerks, cashiers, office machine operators, secretaries, dispatch clerks, testing technicians, etc.).
5	Technical and Paraprofessional An employee whose position requires specialized knowledge or technical skills (e.g. at Cerritos, computer programmers, audio-visual technicians, athletic trainer, non-managerial assistants to directors, graphic artists, recruitment technicians, etc.).
6	Skilled Crafts An employee with duties requiring specialized manual skills (e.g. at Cerritos, carpenters, electricians, painters, etc.).
7	Service/Maintenance An employee with duties contributing to the comfort and convenience of employees and students or involving maintenance of grounds, buildings, and facilities (e.g. at Cerritos, custodians, gardeners, campus police officers, maintenance mechanics, etc.).

Source: California Community Colleges Chancellor's Office, Title EEO-6.

ANALYSES OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF

All data in Part VI includes any district full-time staff member who was in active status between July 1, 1987 and June 30, 1988. Those full-time staff members who retired during 1987-88 will appear by their classification in the "total" columns in the tables pertaining to gender, age, ethnicity, and disability. They will not be counted in the five, ten, fifteen, or twenty year "eligible to retire" columns. However,in the table pertaining to the "Analysis of Cerritos College 1987-88 Full-Time Staff: Retirees by Age," they will appear in the appropriate "number eligible to retire - 5, 10, 15, 20 years" columns.

At Cerritos College, "Eligible to Retire" is defined as follows:

CERTIFICATED:	must be 55 years of age or over with five (5) years or more of full-time service (service may be an accumulation of full-time service at Cerritos College and other institutions that are part of STRS).
CLASSIFIED:	must be 50 years of age or over with five (5) years or more of full-time service (service may be an accumulation of full-time service at Cerritos College and other institutions that are part of PERS).

For purposes of the Information Notebook and because we have no way of tracking service that staff may have accumulated elsewhere, we are using a different approach in our "Eligible to Retire" columns. We are using a minimum of five (5) years, ten (10) years, fifteen (15) years, and twenty (20) years of full-time service at Cerritos College as our criteria.

Please note that the "Eligible to Retire" - five (5) year column refers to eligibility for STRS or PERS benefits only. In order to retire with District-paid health benefits as well as STRS and PERS benefits, the same age requirements must be met as well as ten (10) years of full-time service at Cerritos College.

Source: Cerritos College Personnel Services.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY AGE*

CLASSIFICATION:	20 - 25 Years	26 - 30 Years	31 - 35 Years	36 - 40 Years	41 - 45 Years	46 - 50 Years
1. Exec., Admin., Mgmt.	--	--	2	10	6	8
2. Faculty	--	2	10	35	37	37
3. Professional	--	--	--	1	--	--
4. Secretarial, Clerical	16	18	22	19	24	13
5. Technical & Para-Professional	6	5	10	9	2	5
6. Skilled Crafts	--	--	1	1	1	3
7. Service/Maintenance	1	9	16	11	7	10
TOTAL	23	34	61	86	77	76

CLASSIFICATION:	51 - 55 Years					56 - 60 Years					61 - 65 Years				
	TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service			
		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	6	--	--	1	--	6	--	--	1	3	2	1	--	--	--
2. Faculty	43	--	3	--	2	42	2	2	6	29	30	2	1	5	21
3. Professional	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Secretarial, Clerical	19	7	4	3	3	20	5	3	2	8	17	2	2	2	8
5. Technical & Para-professional	4	--	1	1	1	3	1	--	1	--	1	--	1	--	--
6. Skilled Crafts	--	--	--	--	--	2	1	1	--	--	--	--	--	--	--
7. Service/Maintenance	3	1	1	--	1	6	2	--	1	--	8	1	2	1	1
TOTAL	75	8	9	5	7	79	11	6	11	40	58	6	6	8	30

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY AGE* (continued)

	66 - 70 Years					Over 70					TOTAL				
	TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service			
CLASSIFICATION:		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	1	--	1	--	--	--	--	--	--	--	41	1	1	2	3
2. Faculty	14	--	--	1	12	3	--	--	--	3	253	4	6	12	67
3. Professional	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
4. Secretarial, Clerical	3	1	--	--	1	--	--	--	--	--	171	15	9	7	20
5. Technical & Paraprofessional	--	--	--	--	--	1	--	--	--	--	46	1	2	2	1
6. Skilled Crafts	--	--	--	--	--	--	--	--	--	--	8	--	1	1	--
7. Service/Maintenance	5	--	3	--	--	--	--	--	--	--	76	5	6	2	2
TOTAL	23	1	4	1	13	4	--	--	--	3	596	26†	25	26	93

Slightly over 40% of the Cerritos College Full-time staff are 51 years of age or older. Of this group, 39% are eligible to retire with 20 years of service to the District, 50% are eligible to retire with 15 years of service, 60% are eligible to retire with 10 years of service, and 71% are eligible to retire with 5 years of service.

Over 52% of the full-time faculty are 51 years of age or older. Of that group, over 51% have at least 20 years of service at Cerritos College.

*See 'Eligible to Retire' on narrative page at the beginning of this section.
**Count is unduplicated.
Source: Cerritos College Computer Services.

†The total in the Eligible to Retire - 5 years of service column includes one individual in the Service/Maintenance area who is in the 46-50 age span and has accrued 5 years of service with the District.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY ETHNICITY*

	AMERICAN INDIAN					ASIAN					BLACK				
	TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service			
CLASSIFICATION:		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	--	--	--	--	--	1	--	--	--	1	3	--	--	--	1
2. Faculty	1	--	--	--	--	8	--	--	--	--	3	--	--	--	1
3. Professional	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Secretarial, Clerical	--	--	--	--	--	12	1	--	1	--	6	--	--	--	--
5. Technical & Para-professional	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
6. Skilled Crafts	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7. Service/Maintenance	--	--	--	--	--	--	--	--	--	--	4	--	1	--	--
TOTAL	1	--	--	--	--	22	1	--	1	1	16	--	1	--	2

*Count is unduplicated.
**See 'Eligible to Retire' on narrative page at beginning of this section.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY ETHNICITY (continued)*

CLASSIFICATION:	FILIPINO					CAUCASIAN					HISPANIC					TOTAL				
	TOTAL	Eligible** to Retire with years of service				TOTAL	Eligible** to Retire with years of service				TOTAL	Eligible** to Retire with years of service				TOTAL	Eligible** to Retire with years of service			
		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	--	--	--	--	--	32	1	1	2	2	5	--	--	--	--	41	1	1	2	4
2. Faculty	--	--	--	--	--	219	4	7	12	61	22	--	--	--	5	253	4	7	12	67
3. Professional	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--
4. Secretarial, Clerical	1	--	--	--	--	122	14	9	6	16	30	--	--	--	4	171	15	9	7	20
5. Technical & Paraprofessional	1	--	--	--	--	32	1	1	2	1	12	--	1	--	--	46	1	2	2	1
6. Skilled Crafts	--	--	--	--	--	8	1	1	--	--	--	--	--	--	--	8	1	1	--	--
7. Service/Maintenance	--	--	--	--	--	53	4	2	2	2	19	1	3	--	--	76	5	6	2	2
TOTAL:	2	--	--	--	--	467	25	21	24	82	88	1	4	--	9	596	27	26	25	94

*Count is unduplicated.
**See 'Eligible to Retire' on narrative page at the beginning of this section.

Source: Cerritos College Computer Services.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY GENDER*

	MALE					FEMALE					TOTAL				
	TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service				TOTAL	Eligible to Retire** with years of service			
CLASSIFICATION:		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	27	--	1	2	3	14	1	--	--	1	41	1	1	2	4
2. Faculty	157	2	5	8	56	96	2	2	4	11	253	4	7	12	67
3. Professional	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--
4. Secretarial, Clerical	11	--	--	--	--	160	15	9	7	20	171	15	9	7	20
5. Technical & Paraprofessional	18	--	--	1	--	28	1	2	1	1	46	1	2	2	1
6. Skilled Crafts	8	1	1	--	--	--	--	--	--	--	8	1	1	--	--
7. Service/Maintenance	72	4	6	2	2	4	1	--	--	--	76	5	6	2	2
TOTAL	294	7	13	13	61	302	20	13	12	33	596	27	26	25	94

*Count is unduplicated.
**See 'Eligible to Retire' on narrative page at beginning of this section.

Source: Cerritos College Computer Services.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: BY DISABILITY*

	VISION**					MOBILITY**					HEARING**					TOTAL				
	TOTAL	Eligible*** to Retire with years of service				TOTAL	Eligible*** to Retire with years of service				TOTAL	Eligible*** to Retire with years of service				TOTAL	Eligible*** to Retire with years of service			
CLASSIFICATION:		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs		5 yrs	10 yrs	15 yrs	20 yrs
1. Exec., Admin., Mgmt.	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--
2. Faculty	--	--	--	--	--	2	--	--	1	1	--	--	--	--	--	2	--	--	1	1
3. Professional	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Secretarial, Clerical	1	--	--	--	--	2	1	1	--	--	1	--	--	--	--	4	1	1	--	--
5. Technical & Paraprofessional	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6. Skilled Crafts	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7. Service/Maintenance	--	--	--	--	--	--	--	--	--	--	1	--	--	1	--	1	--	--	1	--
TOTAL:	1	--	--	--	--	5	1	1	1	1	2	--	--	1	--	8	1	1	2	1

*Count is unduplicated.

**While the Cerritos College Personnel Office provides for the collection of information for all disabilities, only the disabilities reported on this page are found among the Cerritos College full-time staff.

***See 'Eligible to Retire' on narrative page at the beginning of this section.

Source: Cerritos College Computer Services.

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: RETIREES BY AGE*

	51 - 55 Years					56 - 60 Years					61 - 65 Years				
	TOTAL	Number Eligible to Retire			# of Ret.	TOTAL	Number Eligible to Retire			# of Ret.	TOTAL	Number Eligible to Retire			# of Ret.
CLASSIFICATION:		5 yrs	10 yrs	15 yrs			5 yrs	10 yrs	15 yrs			5 yrs	10 yrs	15 yrs	
1. Exec., Admin., Mgmt.	6	--	1	--	--	7	--	--	4	--	1	1	--	--	--
2. Faculty	36	--	3	2	--	45	2	2	35	2	34	2	1	26	2
Business					--					--					--
Fine Arts					--					1					--
Health Occupations					--					--					--
Liberal Arts					--					--					--
S.E.M.					--					--					--
Technology					--					1					1
HPER/Athletics					--					--					1
Counseling					--					--					--
3. Professional	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Secretarial, Clerical	20	7	4	6	--	22	5	3	10	--	19	2	2	12	1
5. Technical & Paraprofessional	3	--	1	2	--	2	1	--	1	--	2	--	1	--	--
6. Skilled Crafts	--	--	--	--	--	2	1	1	--	1	1	--	--	--	--
7. Service/Maintenance	4	1	1	1	--	7	2	--	1	--	11	1	2	2	--
TOTAL	69	8	10	11	--	85	11	6	51	3	68	6	6	40	3

ANALYSIS OF CERRITOS COLLEGE 1987-88 FULL-TIME STAFF: RETIREES BY AGE* (continued)

	66 - 70 Years					Over 70					TOTAL FULL-TIME STAFF RETIREES*
	TOTAL	Number Eligible to Retire			# of Ret.	TOTAL	Number Eligible to Retire			# of Ret.	1987-88
CLASSIFICATION:		5 yrs	10 yrs	15 yrs			5 yrs	10 yrs	15 yrs		
1. Exec., Admin., Mgmt.	6	--	1	--	--	7	--	--	4	--	--
2. Faculty	36	--	3	2	--	45	2	2	35	2	6
Business					--					--	--
Fine Arts					--					1	2
Health Occupations					--					--	--
Liberal Arts					--					--	--
S.E.M.					--					--	--
Technology					--					1	3
HPER/Athletics					--					--	1
Counseling					--					--	--
3. Professional	--	--	--	--	--	--	--	--	--	--	--
4. Secretarial, Clerical	20	7	4	6	--	22	5	3	10	--	1
5. Technical & Para-professional	3	--	1	2	--	2	1	--	1	--	--
6. Skilled Crafts	--	--	--	--	--	2	1	1	--	1	2
7. Service/Maintenance	4	1	1	1	--	7	2	--	1	--	--
TOTAL	69	8	10	11	--	85	11	6	51	3	9

*Based on those "Eligible to Retire," June 30, 1987 (see the narrative page at the bginning of this section).
Source: Cerritos College Computer Services.

CERRITOS COLLEGE 1987-88 FULL-TIME CERTIFICATED STAFF: MASTERS & DOCTORATE DEGREE OVERVIEW*

Division/Department:	Total Number	Masters	Doctorate
Business Education	40	29	5
Fine Arts/Communication	20	16	3
Health Occupations	24	17	--
Liberal Arts	61	46	11
S.E.M.	33	26	6
Technology	34	7	--
Community Services	2	2	--
Counseling	14	12	2
L.R.C.	3	3	--
H.P.E.R./Athletics	22	20	--
Child Development Center	1	--	--
Disabled Students	5	4	1
Student Services	2	1	1
Instruction Office	4	2	2
Nurse's Office	1	--	--
President's Office	1	--	1
Student Activities	2	2	--
Student Affairs	1	1	--
Assessment Center	2	2	--
E.O.P.S.	1	1	--
TOTAL:	273	191	32

70% of the Full-time Certificated Staff have a Master's Degree and over 11% have a Doctorate.

Gender:	Total Number	Masters	Doctorate
Male	173	115	24
Female	100	76	8
TOTAL:	273	191	32

Ethnicity:	Total Number	Masters	Doctorate
Amer. Indian	1	1	--
Asian	9	8	--
Black	5	1	1
Caucasian	233	164	28
Hispanic	25	17	3
TOTAL:	273	191	32

Age:	Total Number	Masters	Doctorate
26 - 30	2	1	--
31 - 35	10	6	--
36 - 40	40	25	4
41 - 45	40	27	5
46 - 50	40	27	6
51 - 55	47	34	7
56 - 60	46	31	7
61 - 65	31	25	2
66 - 70	14	12	1
Over 70	3	3	--
TOTAL:	273	191	32

*Age as of July 1, 1988.
Count is unduplicated.

Source: Cerritos College Computer Services.

CERRITOS COLLEGE 1987-88 FULL-TIME CLASSIFIED STAFF: MASTERS AND DOCTORATE DEGREE OVERVIEW*

Division/Department:	**Total Number**	**Masters**	**Doctorate**
Community Services	1	1	--
H.P.E.R./Athletics	1	1	--
Business Services	1	--	1
Computer Center	2	1	1
Research & Development	1	--	1
Instr. Media Center	1	1	--
Theatre Department	2	2	--
TOTAL:	9	6	3

Gender:	**Total Number**	**Masters**	**Doctorate**
Male	4	2	2
Female	5	4	1
TOTAL:	9	6	3

Ethnicity:	**Total Number**	**Masters**	**Doctorate**
Amer. Indian	--	--	--
Asian	--	--	--
Black	--	--	--
Caucasian	8	6	2
Hispanic	1	--	1
TOTAL:	9	6	3

Age:	**Total Number**	**Masters**	**Doctorate**
26 - 30	--	--	--
31 - 35	1	--	1
36 - 40	4	4	--
41 - 45	--	--	--
46 - 50	1	--	1
51 - 55	1	--	1
56 - 60	1	1	--
61 - 65	1	1	--
66 - 70	--	--	--
Over 70	--	--	--
TOTAL:	9	6	3

*Age as of July 1, 1988
Count is unduplicated.

Source: Cerritos College Computer Services.

Part VII

FINANCIAL OVERVIEW: CERRITOS COLLEGE DISTRICT

CERRITOS COMMUNITY COLLEGE DISTRICT
YEAR-END BUDGET, 1987-88

GENERAL FUND ANALYSIS (01 FUND)

DESCRIPTION	ADOPTED BUDGET	CURRENT BUDGET	ACTUAL BALANCE
INCOME			
FEDERAL	4,890	4,890	15,097
STATE APPOINTMENT	27,271,682	27,523,029	27,254,323
OTHER	5,000	5,000	39,272
LOCAL TAXES	2,379,023	2,379,023	2,648,906
ENROLL FEE	1,449,959	1,449,959	1,276,777
LOTTERY	983,430	983,430	1,474,691
OTHER	2,131,662	2,333,504	2,502,539
TOTAL INCOME	**$34,225,646**	**$34,678,835**	**$35,211,605**
EXPENDITURES			
TOTAL 1000	16,846,954	18,007,774	17,721,103
TOTAL 2000	7,676,358	8,307,672	8,077,680
TOTAL 3000	4,217,499	4,327,417	4,121,794
TOTAL 4000	1,311,385	1,337,310	1,158,553
TOTAL 5000	3,533,024	3,850,788	3,724,656
TOTAL 6000	570,075	1,134,778	849,393
TOTAL 7000	158,912	583,912	609,222
TOTAL EXPENDITURES	**$34,314,207**	**$37,549,651**	**$36,262,401**
BEGINNING BALANCE	**$4,615,184**	**$4,615,184**	**$4,504,164**
+ INCOME	**$34,225,646**	**$34,678,835**	**$35,211,605**
- EXPENDITURES	**$34,314,207**	**$37,549,651**	**$36,262,401**
ENDING BALANCE	**$4,526,623**	**$1,744,368**	**$3,453,368**

Adopted Budget ~ Board Adopted August 16, 1988.
Source: Cerritos College Business Services, courtesy of Judi Christensen.

CERRITOS COMMUNITY COLLEGE DISTRICT
YEAR-END BUDGET, 1987-88

GENERAL FUND ANALYSIS (03 FUND-RESTRICTED)

DESCRIPTION	ADOPTED BUDGET	CURRENT BUDGET	ACTUAL BALANCE
INCOME			
FEDERAL	241,548	1,512,999	1,347,699
STATE SPEC ED.	0	286,449	286,449
EOPS	41,977	197,542	197,542
OTHER	827,423	1,963,175	1,569,372
LOCAL ROP	0	0	1,906
OTHER	417,426	440,711	395,288
TOTAL INCOME	**$1,528,374**	**$4,400,876**	**$3,798,256**
EXPENDITURES			
TOTAL 1000	74,806	628,913	592,926
TOTAL 2000	423,222	866,780	822,215
TOTAL 3000	96,922	241,415	204,120
TOTAL 4000	54,029	274,016	148,529
TOTAL 5000	78,562	519,345	488,930
TOTAL 6000	627,145	1,870,403	1,570,024
TOTAL EXPENDITURES	**$1,354,686**	**$4,400,872**	**$3,826,744**
BEGINNING BALANCE	**$168,532**	**$168,532**	**$246,000**
+ INCOME	**$1,528,374**	**$4,400,876**	**$3,798,256**
- EXPENDITURES	**$1,354,686**	**$4,400,872**	**$3,826,744**
ENDING BALANCE	**$342,220**	**$168,536**	**$217,512**

Current Budget ~ Changes Based on Updated Information (Board-Approved Appropriation Transfers).
Actual Balance ~ Actual Income Received/Actual Expenditures.

Source: Cerritos College Business Services, courtesy of Judi Christensen.

Part VIII

ECONOMIC INDICATORS and EMPLOYMENT PROJECTIONS

CALIFORNIA'S ECONOMIC OUTLOOK

According to the Kiplinger California Letter, California's economy will grow for a seventh straight year in 1989 (about 3 - 4%). As in recent years past, no sign of recession is on the horizon, and growth will continue to be moderate. Inflation in 1988 hovered around 4.5 to 5%, which was up slightly from 1987. Interest rates are expected to rise gradually through 1988, with no decline foreseen until Spring 1989 at the earliest. Overall, interest rates are expected to increase approximately 1%. Prime rates will reach 9.5% by the end of the year and hit 10% next year. Kiplinger editors predict the following trends in business and industry will occur over the next several months:

- The **computer industry** will continue to rebound, but the pace may be slow. New computer production is hot, while semiconductor and software sales may decline somewhat.
- In **agriculture**, the lower dollar will boost exportation of some crops. Prices are up but profits will remain tight. Land values are rebounding now that there is enough water in most regions. However, a third consecutive dry year could spell disaster.
- **Tourism** will remain strong. The California tour industry generated $45 billion dollars in 1988, and higher figures are predicted for 1989.
- Old military orders and new civilian orders will help the **aerospace industry** maintain its current economic status.
- **Non-defense manufacturing** will be on the rise. Processed foods, electronics, specialized machinery, and chemicals are just some of the sectors which will experience growth.
- **Construction** will experience mixed results. While single-family housing is solid, non-residential building such as hotel, office, apartment, and shopping mall construction is weakening.
- **Defense industry** spending will decline due to federal deficit restrictions. Growing defense consultant scandals cloud the future of present and future defense contracts. Look for more incremental industry layoffs as the defense boom ends.
- **Oil** and **mining** are making a comeback, but recovery in these two sectors will be slow.
- California's **entertainment industry** will recover some of 1987's "runaway production" as the Far East discovers Hollywood. Companies from Japan, Hong Kong, Korea, and other Asian countries will do more filming in California.
- **Resort industry** sales are on the rebound, as second-homes in the woods, ski areas, lakes, deserts and other getaway areas remain affordable.

Source: The Kiplinger California Letter, Vol. 24, Nos. 7 - 10.

Los Angeles County Economic Overview

The Los Angeles Economic Roundtable prepared a report in June of 1987 to present to WORKPLACE 2000: Managing Change. The purpose of the report was to provide information for targeting employment and training funds on industries and occupations which offer the greatest opportunities for growth. The following information is quoted from that report:

"Los Angeles County has one of the largest metropolitan economies in the world, with 3,750,000 employees working for 165,000 employers. The Los Angeles Economic Roundtable has concluded that the capacity of this workforce for adapting to industrial changes and maintaining high levels of productivity in technologically advanced fields is one of the primary competitive strengths of this region. In a turbulent and rapidly changing environment of global economic competition the resilience of the regional economy is dependent on the efficient redeployment of tenured members of the workforce with productive work histories and on equipping entry-level workers with the skills needed to compete on the basis of productivity rather than cheapness.

"The diverse and complex Los Angeles economy is comprised of nearly all the industries found anywhere in the United States. Roughly one-quarter of the over 400 Standard Industrial Classification industry groupings have reduced their levels of employment over the past twelve years, and continued to reduce employment during the period of economic recovery since 1982. Another quarter of the industries have increased employment during this same period and are continuing to show strong growth. This transformation of the economy has resulted in over 800 plant closures representing the loss of 80,000 jobs since 1980.

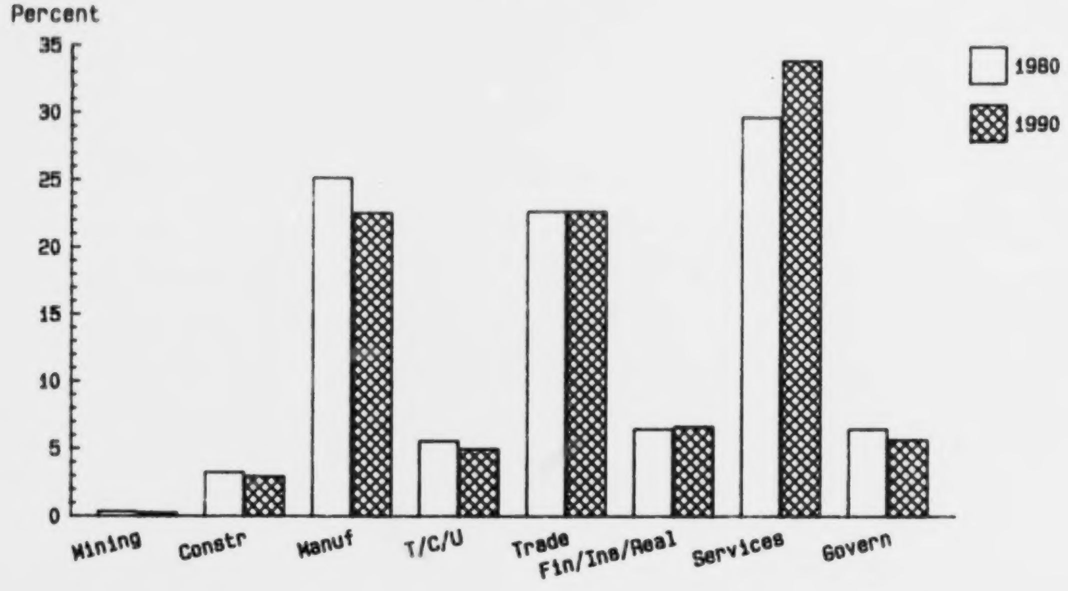
"The most important forces propelling the Los Angeles economy are defense spending and immigration, according to Economic Roundtable analysis. The aerospace/defense industry has given Los Angeles County the largest pool of research and development personnel in the country and has helped sustain manufacturing activity in the regional economy. Immigration provides a large cadre of hard working, entry-level workers for industries such as apparel, furniture, and printing. Both of these driving forces shape the requirements for effective employment and training programs. Trainees need to have solid literacy, computing, and communication skills so that they can compete for jobs other than short-term, low-skilled occupations which are often filled by immigrant workers. In addition, the occupational skills which are provided for trainees need to give them the capacity for productivity and adaptability in a competitive and rapidly changing world of work."

Source: "Targeted Job Creation and Economic Development Strategy," June 5, 1987, Los Angeles Economic Roundtable.

Projections of Employment by Industry
Los Angeles-Long Beach Metropolitan Statistical Area (MSA)
1980-1990

	1980 Employment		1990 Employment		% Change 1980-1990	Openings Due To Growth
	Number	Percent	Number	Percent		
Mining	12,765	0.4%	12,214	0.3%	- 4.3%	- 551
Construction	118,420	3.3	129,367	3.0	9.2	10,947
Manufacturing	906,507	25.2	959,810	22.6	5.9	53,303
Transportation, Communication, & Utilities	201,041	5.6	212,388	5.0	5.6	11,347
Trade	816,406	22.7	960,935	22.7	17.7	144,529
Finance, Insurance, & Real Estate	234,773	6.5	285,519	6.7	21.6	50,746
Services	1,066,811	29.7	1,438,956	33.9	34.9	372,145
Government	234,864	6.5	241,140	5.7	2.7	6,276
TOTAL	3,591,587	100.0%	4,240,329	100.0%	18.1%	648,742

Industry Profile
Los Angeles-Long Beach MSA
1980-1990

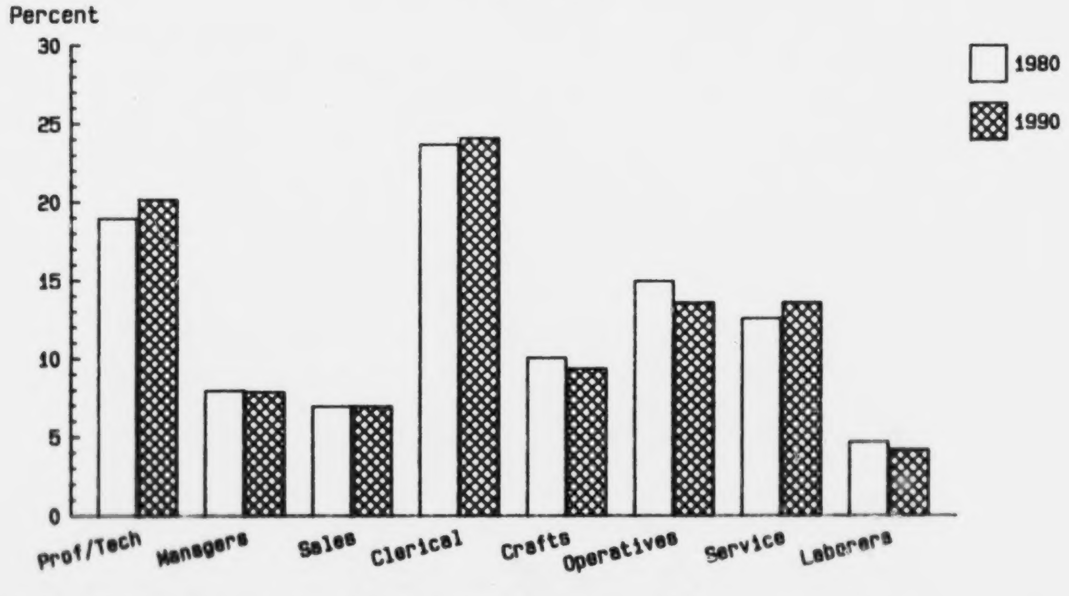


Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

Projections of Employment by Occupation
Los Angeles-Long Beach Metropolitan Statistical Area (MSA)
1980-1990

	1980 Employment		1990 Employment		% Change 1980-1990	Openings Due To Growth
	Number	Percent	Number	Percent		
Professional, Technical, & Kindred	682,980	19.0%	854,300	20.2%	25.1%	171,320
Managers & Officials	287,790	8.0	336,080	7.9	16.8	48,290
Sales Workers	250,730	7.0	297,300	7.0	18.6	46,570
Clerical Workers	850,350	23.7	1,020,200	24.1	20.0	169,850
Crafts & Kindred Workers	361,580	10.1	400,650	9.4	10.8	39,070
Operatives	537,570	15.0	574,980	13.6	7.0	37,410
Service Workers	452,650	12.6	577,750	13.6	27.6	125,100
Laborers, Except Farm	167,930	4.7	178,910	4.2	6.5	10,980
TOTAL	3,591,580	100.0%	4,240,170	100.0%	18.1%	648,590

Occupational Profile
Los Angeles-Long Beach MSA
1980-1990



Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

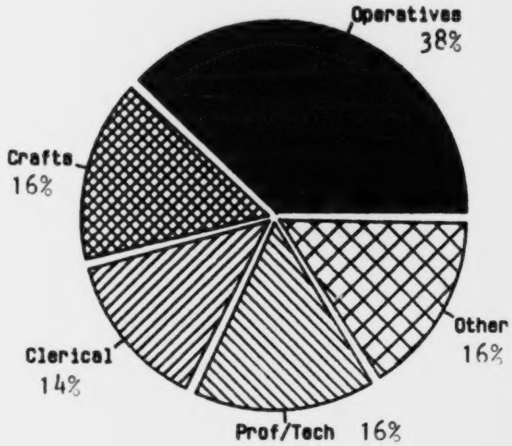
Projected 1990 Occupational Distribution of Three Major Industries in the Los Angeles-Long Beach MSA

Among the major industry groups in the Los Angeles-Long Beach Metropolitan Statistical Area (MSA), there are three that employ over 75% of the total non-agricultural workforce: Manufacturing, Trade, and Services. The following data explains the trends, growth factors, and projection of the 1990 occupational distribution in these three major industrial groups:

MANUFACTURING

"In 1980, manufacturing jobs represented 25.3% of total wage and salary employment in Los Angeles County. Of this total, about two out of every three factory jobs were in the production of durable goods. Aerospace-related jobs accounted for about one-third of manufacturing employment in 1980. The recessionary period of 1981-83 resulted in a loss of about 58,000 manufacturing jobs. By the end of 1985, approximately 52,000 of these jobs had been regained. By 1990, the number of jobs in manufacturing is expected to reach 959,800. Even though there will be growth in manufacturing, this sector will represent only 22.6% of total non-agriculture wage and salary workers. The number of workers in factory jobs will increase by only 5.9% during the projection period, which is well below the overall rate of growth for Los Angeles County (18.1%). Aerospace is expected to continue to account for a significant number of employed persons in manufacturing. This sector is expected to add over 53,000 jobs to the economy during the decade and will represent 7.6% of the Los Angeles County wage and salary employment."

Projected 1990 Occupational Distribution Of Manufacturing Industries Los Angeles-Long Beach MSA



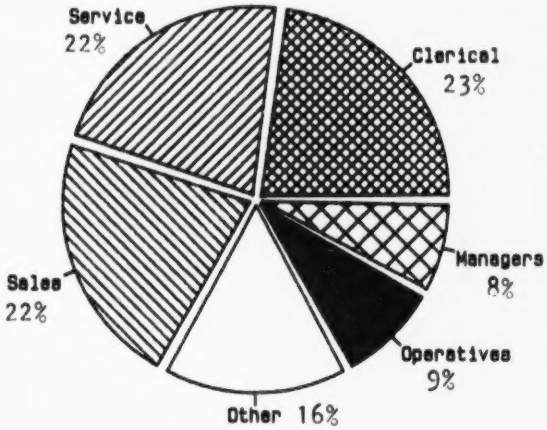
Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

TRADE

"The wholesale trade division of industries in Los Angeles County is expected to expand at a rate of 17.3% during the 1980-1990 time period. About two-thirds of employment in wholesale trade is engaged in the distribution of items such as motor vehicles, auto parts and supplies, furniture, lumber, machinery, and all other durable goods. The other one-third is responsible for the non-durable sector, which includes food and related products, apparel, drugs and chemicals, paper and paper products, and other miscellaneous goods. The changes in this industry are strongly related to the growth or decline of manufacturing and, to a lesser degree, agriculture. An estimated 46,300 jobs are expected to be generated during the 1980s in this component of Los Angeles County employment.

"Retail trade has expanded every year from 1980 through 1985 with the exception of 1982. Growth is expected to continue at a moderate rate in this sector through the balance of the decade. One of the fastest increasing sectors of this industry is restaurants, which is projected to increase by about 35.8% over the ten-year period. In 1990, restaurants should provide over 35% of retail trade employment while grocery stores will account for 14% and department stores about 12% of the total industry sector employment. Automation and self-serve operations will limit gains in some categories. For example, gasoline stations are projected to register declines in employment as these outlets become more self-serve oriented and employ cashiers rather than attendants and/or mechanics. Retail trade should expand at a rate of 17.9% over the ten-year forecast period."

**Projected 1990 Occupational Distribution
Of Trade Industries
Los Angeles-Long Beach MSA**



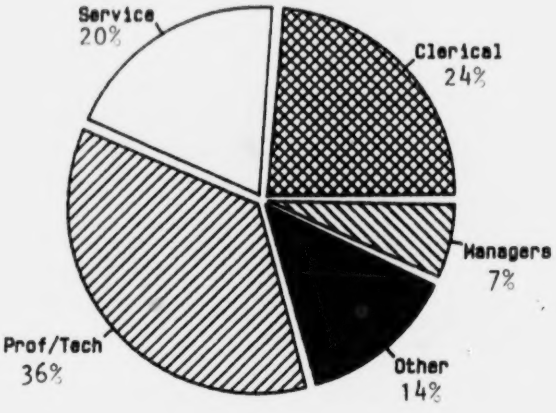
Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

Industry Employment Trends (continued)

SERVICES

"Services has been one of the fastest expanding industries in this county during the early 1980s. With the exception of an insignificant decline of 0.2% in 1982, increases of 3% or more have been registered in this industry in the first half of the decade. By 1990 the three leading categories of services (education, health services, and business services) will account for two out of every three jobs in the industry. Projected employment in these three segments should reach about 300,000 per sector by the end of the time period. Education should continue to grow as school enrollment makes gains due to increasing population and as one of the major school districts in the county goes on a year-round schedule. Health services will also edge upward with growing emphasis on home-health care and health maintenance organizations. The business services sector has soared recently with increased use of personnel and building maintenance services and no change in trend is anticipated over the next few years. Tourist-related service industries should continue to expand with additional employment in hotels and lodging places and amusement and recreation. An upsurge in the use of computer and data processing services will also occur as many business entities shift to these methods of operation. Over the ten-year period, the services industry is projected to increase significantly by 34.9%."

Projected 1990 Occupational Distribution Of Services Industries Los Angeles-Long Beach MSA



Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

Projected 1990 Industry Distribution of the Four Largest Occupation Groups in the Los Angeles-Long Beach MSA

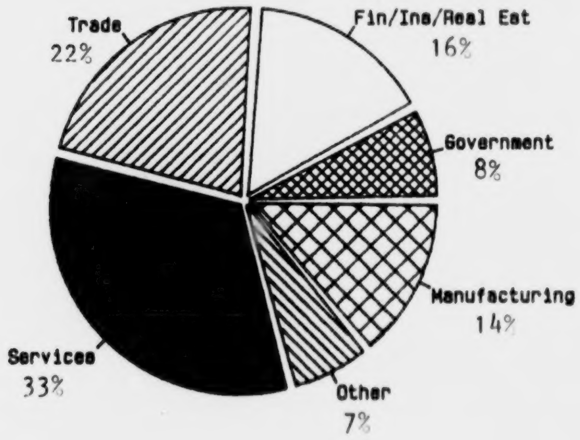
According to the Employment Development Department (EDD), the non-agricultural employment in Los Angeles County is expected to increase by 18.1%, or approximately 649,000 jobs over the 1980-1990 projection period. This will bring the actual projected job total to over 4,240,000. It is not expected that growth will be uniform across all industry divisions. Patterns of growth, including technological changes in the industries in which the occupations are found, will impact the rate of employment increase in the various occupations.

Within the occupational forecast, it is projected that the service, professional and technical, and clerical workers groups will increase at a faster rate than the growth rate for all industries (18.1%). The largest growth should be in service workers (27.6%) with about 125,000 new jobs. Non-farm laborers should record the least growth (6.5%).

Of particular note in the Employment Development Department projections:

> . . .by 1990 the largest occupational group in Los Angeles County will be clerical workers (24%) with over 170,000 new jobs available during the decade . . the largest increase will occur in secretarial classification with general office clerks being the next largest.

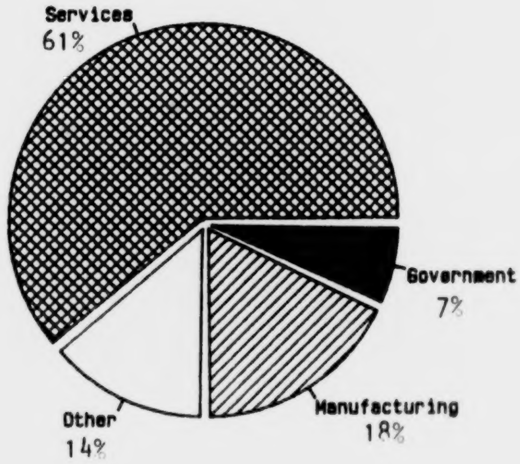
Projected 1990 Industry Distribution
Of Clerical Occupations
Los Angeles-Long Beach MSA



Occupational Employment Trends (continued)

. . .The second largest occupational grouping in Los Angeles County by 1990 will be the professional, technical, and kindred workers with a growth rate over the ten years of 25.1% putting this group at 20.2% of total employment . . it is predicted that by 1990 one out of every five jobs will be in the professional-technical occupational grouping . . in education the growth will be concentrated in the elementary sector (approximately 2,500 new teaching positions expected each year of the forecast period) . . expansion at the post-high school level is expected to be much slower (only about 200 new jobs per year available in colleges and universities) . . significant growth should be found in the engineer and engineer technician grouping . . growth at a steady pace in the electrical and electronic engineer and technician grouping . . computer science growing rapidly with new jobs expanding in computer-related professional categories (programmers and systems analysts) . . jobs for accountants growing at a rate of about 31% over the forecast period.

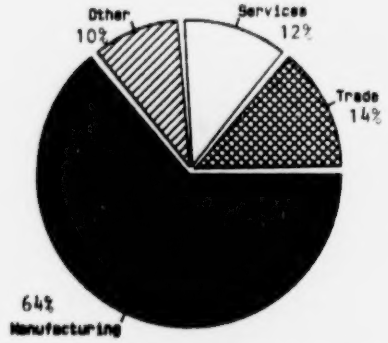
Projected 1990 Industry Distribution
Of Professional Occupations
Los Angeles-Long Beach MSA



Occupational Employment Trends (continued)

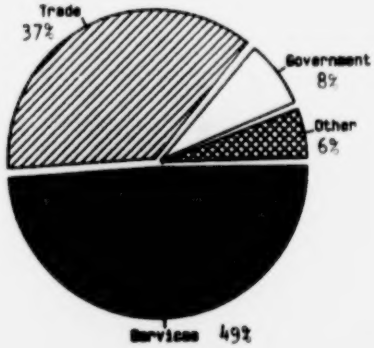
. . .Of the two groupings that tie for third largest occupational category, one is the operative group comprising two types: those not involved with transportation (which is the largest) and those in transportation . . assemblers represent the largest group of non-transportation operatives and electrical and electronic assemblers are most predominant in that grouping (predicted to reach 20,000 employees by 1990) . . little or no growth predicted in metal working operatives.

Projected 1990 Industry Distribution
Of Operative Occupations
Los Angeles-Long Beach MSA



. . .Along with operatives at 13.6% of total employment is the service worker group . . of the 578,000 workers predicted in this category by 1990, 125,000 will be new jobs added during the ten-year forecast period . . the largest occupational group in this sector by 1990 should be food service workers . . among the health service workers, nurse aides/orderlies are the largest group.

Projected 1990 Industry Distribution
Of Service Occupations
Los Angeles-Long Beach MSA



Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

Los Angeles County Area Employment Projections

The detailed Los Angeles County Area Employment Projections on the following pages show estimated annual average employment for 1980 and the percent of change between 1980 and 1990.

Number of new jobs: refers to the total number of new jobs expected to occur in each occupation over the ten-year forecast period.

Number of replacement jobs: represents an estimate of the number of job openings expected to occur when workers retire, die, or otherwise leave the labor force for an extended time.

"The new job openings, along with the openings created by separation, represent the total number of new workers, on balance, that can be absorbed into the employed labor force. It should be noted, however, that these estimates of job openings do not consider the many additional job openings which occur when workers change jobs, become unemployed, or temporarily withdraw from the labor force."

Source: Projections of Employment by Industry and Occupation, Employment Development Department, October 1986.

Los Angeles County Area Employment Projections
1980-1990

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACEMENT JOBS	% CHANGE 1980-90
BUSINESS DIVISION					
Accounting	Accountants, Auditors	34,460	10,310	13,770	29.9%
	Accounting Clerks	36,490	6,480	15,400	17.8
	Bank Tellers	25,770	7,170	8,700	27.8
	Budget Analysts	480	120	190	25.0
	Bookkeepers	68,010	13,260	28,940	19.5
	Payroll, Timekeeping Clerks	7,060	1,110	2,650	15.7
	Tax Preparers	1,230	810	570	65.9
Data Processing	Computer Operators	8,190	3,030	1,290	37.0
	Computer Programmers	13,070	3,640	1,520	27.9
	Peripheral EDP Equip. Operators	2,500	1,100	410	44.0
	Systems Analysts, EDP	12,210	5,570	1,680	45.6
Legal	Law Clerks	1,400	690	660	49.3
	Paralegal Personnel	1,780	1,040	860	58.4
Management, Marketing, Business	Financial Analysts	300	180	90	60.0
	Insurance Agents, Brokers, etc.	6,850	520	2,310	7.6
	Managers, Restaurant, Coffee Shop, etc.	11,450	4,280	4,460	37.4

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
BUSINESS DIVISION (continued)					
Office Occupations	Clerical Supervisors	25,840	5,490	7,800	21.2%
	Correspondence Clerks	430	- 50	130	- 11.6
	File Clerks	11,760	4,830	4,930	41.1
	General Clerks, Office	105,790	23,100	37,760	21.8
	Data Entry Keyers	14,540	-3,550	3,670	- 24.4
	Office Machine Operators	41,360	5,050	10,940	12.2
	Personnel Clerks	4,730	640	1,760	13.5
	Receptionists	18,350	5,870	7,900	32.0
	Secretaries	110,550	34,150	47,340	30.9
	Shipping & Receiving Clerks	23,430	4,380	5,900	18.7
	Stenographers	9,000	1,800	3,830	20.0
	Typists	47,250	11,500	18,930	24.3
Real Estate	Appraisers, Real Estate	1,080	540	460	50.0
	Real Estate Brokers	560	230	450	41.1
	Sales Agents, Sales Reps, Real Estate	5,100	2,530	4,240	49.6

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
BUSINESS DIVISION (continued)					
Secretarial	Receptionists	18,350	5,870	7,900	32.0%
	Secretaries	110,550	34,150	47,340	30.9
	Stenographers	9,000	1,800	3,830	20.0
	Typists	47,250	11,500	18,930	24.3
Stenography	Court Clerks	1,010	30	340	3.0
	Stenographers	9,000	1,800	3,830	20.0
FINE ARTS DIVISION					
Art	Painters & Sculptors	5,400	3,400	2,030	63.0
Journalism	Editors, Reporters	8,760	3,700	3,210	42.2
	Photographers	2,110	1,070	750	50.7
	Photographers, Portrait/Commer.	190	30	50	15.8
	Proofreaders	740	180	410	24.3
	Public Relations Specialists	500	90	190	18.0
	Radio, TV Announcers	620	230	100	37.1
Music	Music Directors	110	50	40	45.5
	Musicians, Instrumental	8,970	2,770	2,940	30.9
	Singers	690	330	240	47.8

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACEMENT JOBS	% CHANGE 1980-90
FINE ARTS DIVISION (continued)					
Photography	Photographers	2,110	1,070	750	50.7%
	Photographers, Portrait/Commer.	190	30	50	15.8
	Photographic Occupations	2,480	1,200	830	48.4
Theatre	Actors/Actresses	6,200	3,850	2,490	62.1
HEALTH OCCUPATIONS DIVISION					
Air Passenger Service	Flight Attendants	5,810	-1,520	1,930	- 26.2
Child Education	Child Care Attendants	680	270	360	39.7
	Child Care Workers	5,560	1,830	2,870	32.9
	Teachers, Elementary	47,320	24,440	18,760	51.6
	Teachers, Preschool or Kindergarten	16,070	7,150	6,700	44.5
Dental Assist.	Dental Assistants	5,560	1,910	2,460	34.4
Dental Education	Dental Assistants	5,560	1,910	2,460	34.4
	Dental Hygienists	2,760	890	900	32.2
Dental Hygiene	Dental Hygienists	2,760	890	900	32.2

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
HEALTH OCCUPATIONS DIVISION (continued)					
Dental Hygiene	Dental Lab Techs.	1,720	250	490	14.5%
Early Childhood Education	Child Care Attends.	680	270	360	39.7
	Child Care Workers	5,560	1,830	2,870	32.9
	Teachers, Preschool or Kindergarten	16,070	7,150	6,700	44.5
Fashion Careers	Designers	5,920	1,190	1,500	20.1
Food Service	Baking Occupations	3,220	800	1,240	24.8
	Bartenders	9,980	2,600	4,240	26.1
	Dining Room Attends., Bar Helpers, etc.	15,710	5,860	1,770	37.3
	Food Workers, Private	62,610	23,010	25,870	36.8
	Meat Cutters, Butchers	2,180	- 770	460	- 35.3
Health Occupations	Blood Bank Tech Specialists	60	30	20	50.0
	Dietetic Technicians	240	60	70	25.0
	EEG Technicians	260	20	70	7.7
	EKG Technicians	590	110	170	18.6
	Emergency Medical Technicians	330	260	120	78.8

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
HEALTH OCCUPATIONS DIVISION (continued)					
Health Occupations	Medical Lab Assists.	4,570	1,410	1,420	30.9%
	Medical Lab Technologists	4,190	1,150	1,290	27.4
	Medical Record Librarians	1,080	200	450	18.5
	X-Ray Technicians	3,300	820	1,040	24.8
Home Economics	Dietitians and/or Nutritionists	1,380	460	610	33.3
	Sewers & Stitchers	45,310	3,440	19,770	7.6
Instructional Aide	Teachers Aides/ Educ. Assistants	14,220	6,730	4,190	47.3
Medical Assisting	Medical Assistants	5,310	1,510	2,020	28.4
	Medical Lab Assists.	4,570	1,410	1,420	30.9
	Medical Record Librarians	1,080	200	450	18.5
	Nurses' Aides/ Orderlies	34,090	7,560	12,620	22.2
	Occup. Therapy Aides	100	50	40	50.0
	Orthopedic Cast Specialists	60	90	40	150.0
	Physicians Assists.	740	200	230	27.0
	Psychiatric Aides	2,830	550	1,030	19.4

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
HEALTH OCCUPATIONS DIVISION (continued)					
Nursing	Licensed Vocational Nurses	17,080	4,100	7,750	24.0%
	Registered Nurses	34,030	7,920	14,490	23.3
Pharmacy	Pharmacists	3,180	620	1,630	19.5
	Pharmacy Helpers	880	130	340	14.8
Physical Therapist Assistant	Phys. Therapy Techs.	390	310	180	79.5
	Physical Therapists	1,270	490	440	38.6
H.P.E.R. DIVISION					
Health Education	Dietetic Technicians	240	60	70	25.0
	Dietitians and/or Nutritionists	1,380	460	610	33.3
	Instructors, Reducing	1,400	900	790	64.3
Physical Education	Athletes	140	490	90	350.0
	Dance Instructors	410	- 60	170	- 14.6
	Instructors, Reducing	1,400	900	790	64.3
	Lifeguards	170	90	50	52.9
	Sports Instructors	530	510	180	96.2

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
H.P.E.R. DIVISION (continued)					
Recreation	Camp Directors	110	20	30	18.2%
	Group Recreation Workers	4,620	720	1,110	15.6
	Recreation & Amusement Attends.	2,510	970	750	38.6
LIBERAL ARTS DIVISION					
Administration of Justice	Bailiffs	130	10	10	7.7
	Correction Officer &/or Jailers	2,140	680	1,590	31.8
	Detectives, Private	240	60	30	25.0
	Guards & Doorkeepers	25,400	13,600	20,640	53.5
	Parking Enforcement Officers	260	10	30	3.8
	Police Detectives	1,840	30	220	1.6
	Police Officers	3,130	90	370	2.9
	Police Patrolmen/ Patrolwomen	11,670	340	1,400	2.9
	Store Detectives	490	- 40	60	- 8.2
Economics	Economists	670	170	170	25.4
	Financial Analysts	300	180	90	60.0

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
LIBERAL ARTS DIVISION (continued)					
English	Editors, Reporters	8,760	3,700	3,210	42.2%
	Librarians	4,760	990	2,050	20.8
	Library Assistants	5,360	1,040	1,960	19.4
	Proofreaders	740	180	410	24.3
Philosophy	Clergy	7,340	1,470	4,320	20.0
	Social Workers	14,200	370	3,980	2.6
Political Science	Chief Executives Legislative	1,530	40	500	2.6
Psychology	Psychologists	3,390	1,220	970	36.0
	Voc. Ed. Counselors	7,340	980	2,080	13.4
Sociology	Social Service Aides	2,600	150	940	5.8
	Social Workers	14,200	370	3,980	2.6
	Sociologists	50	20	20	40.0
Speech	Public Relations Specialists	500	90	190	18.0
	Radio, TV Announcers	620	230	100	37.1

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
SCIENCE, ENGINEERING & MATH DIVISION					
Agriculture	Agricultural Scientists	240	40	90	16.7%
Anatomy & Physiology	Physicians Assists.	740	200	230	27.0
	Physicians &/or Surgeons	12,980	3,310	1,770	25.5
	Podiatrists	170	160	140	94.1
	Surgical Technicians	1,110	210	320	18.9
Anthropology	Archivists/Curators	0	50	10	0.0
	Museum Tech. Restorers	0	80	10	0.0
Biology	Biological Scientists	860	150	210	17.4
	Medical Scientists	290	30	70	10.3
Botany	Foresters & Conserv. Scientists	180	0	30	0.0
Chemistry	Biochemistry Technologists	80	50	30	62.5
	Chemists	2,630	240	580	9.1
	Medical Lab Assists.	4,570	1,410	1,420	30.9
	Medical Lab Technologists	4,190	1,150	1,290	27.4

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
SCIENCE, ENGINEERING & MATH DIVISION (continued)					
Engineering	Engineers	78,520	14,040	15,340	17.9%
	Engineering, Science Techs.	54,890	8,120	8,910	14.8
	Flight Engineers	900	- 2	90	- 24.4
	Mech. Engineer Techs.	2,640	110	470	4.2
Forestry	Foresters & Conserv. Scientists	180	0	30	0.0
Geography	Urban & Regional Planners	780	130	120	16.7
Geology	Geologists & Geophysicists	530	60	150	11.3
Math	Actuaries	190	- 10	70	- 5.3
	Mathematicians	540	110	80	20.4
	Statisticians	1,340	850	490	63.4
Microbiology	Medical Lab Technologists	4,190	1,150	1,290	27.4
	Microbiology Technologists	70	20	20	28.6
	Pharmacists	3,180	620	1,630	19.5
Ornamental Horticulture	Gardeners & Groundskeepers	9,610	1,750	5,400	18.2

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
SCIENCE, ENGINEERING & MATH DIVISION (continued)					
Physics	Physicists	950	320	120	33.7%
Pre-Chiro	Chiropractors	230	220	290	95.7
Pre-Dental	Dentists	2,740	1,030	470	37.6
Pre-Med	Physicians and/or Surgeons	12,980	3,310	1,770	25.5
	Podiatrists	170	160	140	94.1
Pre-Optometry	Opticians, Lens Grinders, Polish	1,950	600	690	30.8
	Optometrists	650	210	310	32.3
Pre-Pharmacy	Pharmacists	3,180	620	1,630	19.5
Pre-Vet	Animal Caretakers	730	520	260	71.2
	Veterinarians	80	10	10	12.5
Wildlife	Animal Caretakers	730	520	260	71.2
	Foresters & Conserv. Scientists	180	0	30	0.0
Zoology	Animal Caretakers	730	520	260	71.2
	Veterinarians	80	10	16	12.5

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACEMENT JOBS	% CHANGE 1980-90
TECHNOLOGY DIVISION					
Aeronautics	Aeronautical Engineers	11,740	280	1,950	2.4%
	Airplane Pilots	4,320	- 420	460	- 9.7
	Flight Engineers	900	- 220	90	- 24.4
Architecture	Architects	1,480	350	420	23.6
	Urban & Regional Planners	780	130	120	16.7
Automotive	Automotive Mechanics	25,420	2,750	5,540	10.8
	Diesel Mechanics	3,450	90	880	2.6
Autobody	Autobody Repairers	3,670	590	760	16.1
Cosmetology	Barbers	1,180	- 480	430	- 40.7
	Hairdressers, Cosmetologists	9,900	910	3,840	9.2
Chrome Plating, Metal Finishing	Finishers, Plastics	730	- 10	170	- 1.4
	Finishers, Machine	80	10	20	12.5
	Rollers, Finishers, Metal	250	- 90	30	- 36.0
Drafting	Drafters	13,250	1,840	2,410	13.9

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
TECHNOLOGY DIVISION (continued)					
Elec. Power Distribution	Electrical Engineers	18,940	4,830	2,800	25.5%
	Electrical, Electronic Techs.	25,910	3,260	3,410	12.6
Electronics	Electrical Engineers	18,940	4,830	2,800	25.5
	Electricians	13,540	4,850	4,180	35.8
	Electronic Mechanics	120	30	40	25.0
	Electrical, Electronic Techs.	25,910	3,260	3,410	12.6
	Radio, TV Servicers & Repairers	2,900	910	690	31.4
Engine Repair	Electric Motor Repairers	550	480	220	87.3
	Motor Boat Mechs.	120	0	30	0.0
Furniture	Cabinet Makers	2,250	40	760	1.8
	Furniture Finishers	1,250	270	500	21.6
	Upholstering Occups.	5,160	- 310	1,650	- 6.0
Machine Tool	Drill Press Operators	5,520	- 520	1,500	- 9.4
	Forge & Hammer Oprs.	1,030	- 50	210	- 4.9
	Lathe/Milling Mach Operators	12,240	- 600	2,710	- 4.9

LOS ANGELES COUNTY AREA EMPLOYMENT PROJECTIONS, 1980-1990 (continued)

COLLEGE MAJOR	RELATED OCCUPATIONS	TOTAL EMPLOYMENT 1980	NUMBER OF NEW JOBS	NUMBER OF REPLACE-MENT JOBS	% CHANGE 1980-90
TECHNOLOGY DIVISION (continued)					
Machine Tool	Grinding/Abrading Mach. Ops./Metal	7,070	- 290	1,700	- 4.1%
	Layout Markers, Metal	1,200	60	320	5.0
	Other Precision Mach Operators	13,460	70	2,880	0.5
Machine Moldmaking For Plastics	Metal Platers	2,830	- 140	470	- 4.9
Structural Steel	Riveters/Fasteners	1,230	150	270	12.2
	Shipfitters	350	280	150	80.0
	Structural Steel Workers	2,800	720	660	25.7
	Welders & Flame Cutters	17,760	300	3,840	1.7
Welding	Welders & Flame Cutters	17,760	300	3,840	1.7

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